



RE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
48 DEAN AVENUE
BARRIE, ONTARIO
L4N 0C2

FOR: City of Barrie
70 Collier Street
Barrie, Ontario
L4M 4T5

ATTENTION: Mr. Andrew Mills

REPORT NO.: 2023-19029

DATE: December 12, 2023

DISTRIBUTION: [2] PDF Copy: Mr. Andrew Mills [Andrew.Mills@barrie.ca]

Original: File No. 11249-S0332-ENV



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Attention: Mr. Andrew Mills,

**RE: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
48 Dean Avenue
Barrie, Ontario**

EXECUTIVE SUMMARY

Sola Engineering Inc. (Sola) was retained by Mr. Andrew Mills of City of Barrie (the Client), to conduct a Phase One Environmental Site Assessment (ESA) for a parcel of land located at 48 Dean Avenue, in Barrie, Ontario (herein referred to as “the Phase One Property” and “the Site”). The location of the Phase One Property is presented in Drawing No. [1]. This work was authorized on October 10th, 2023.

The Phase One Property is a rectangular parcel of land located north of Dean Avenue and approximately 90 metres east of Raquel Street in Barrie, Ontario. The total property area of the Site is approximately 6,596 m² (~71,000 ft²). It is our understanding that the Client is planning to sell the property and the Phase One Property is currently vacant.

The purpose of the Phase One ESA is to identify any potential environmental concerns associated with the Site. The assessment was performed in accordance with the Phase One ESA protocols outlined in Ontario Regulation 153/04 (amended).

At the time of this ESA, the Phase One Property is currently vacant. The entire property is covered with vegetation (i.e. grass, shrubs). The Phase One Property is not considered an enhanced investigation property, as defined in Ontario Regulation 153/04 (as amended).

The site reconnaissance of the Phase One Property was completed on October 23rd, 2023.

Surrounding land uses were predominantly residential and commercial properties.



Based on our review of historical records, site reconnaissance, and interviews, the following are the findings of the Phase One ESA:

Potentially Contaminating Activity (PCA):

- #28 – Gasoline and Associated Products Storage in Fixed Tanks (offsite) [623 Yonge Street; 647 Yonge Street]
- #37 – Operation of Dry Cleaning Equipment (where chemicals are used) (offsite) [649 Yonge Street]
- #55: Transformer Manufacturing, Processing and Use (offsite) [37 Dean Avenue]

Area of Potential Environmental Concern (APEC):

- None

The Executive Summary should be read in conjunction with the entire report.

We trust you will find this report to be complete within our terms of reference.

Should you have any questions regarding the information contained in the report or require further assistance, please contact the Sola office.

Respectfully Submitted,
SOLA ENGINEERING INC.

JiaYu (Katrina) Cheng, M.Eng., E.I.T.
Junior Environmental Scientist

Naveed Rehman, P.Geo., QP_{ESA}
Senior Project Geoscientist



TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	PHASE ONE PROPERTY INFORMATION	1
1.2	CLIENT CONTACT INFORMATION	2
2.0	SCOPE OF INVESTIGATION	2
3.0	RECORDS REVIEW	3
3.1	GENERAL	3
3.1.2	First Developed Use Determination	3
3.1.3	Fire Insurance Plans	3
3.1.5	Chain Of Title	3
3.1.1	Phase One Study Area Determination	4
3.1.6	City Directory Search	5
3.1.7	Environmental Or Other Reports	5
3.2	ENVIRONMENTAL SOURCE INFORMATION	6
3.2.1	Records Database Report	6
3.2.2	Provincial Records Database	7
3.2.3	Technical Standards and Safety Authority Records	8
3.3	PHYSICAL SETTING SOURCES	8
3.3.1	Aerial Photographs	8
3.3.2	Topography, Hydrology, Geology	9
3.3.3	Fill Materials	10
3.3.4	Water Bodies, Areas of Natural Significance, Groundwater Information, And Well-Head/Groundwater Protection Areas	10
3.3.5	Well Records	10
3.4	SITE OPERATING RECORDS	10
4.0	INTERVIEWS	11
5.0	PHASE ONE PROPERTY RECONNAISSANCE	12
5.1	GENERAL INFORMATION	12
5.2	GENERAL REQUIREMENTS	12
5.3	SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY	12
5.3.1	Observations From The Phase One Property Reconnaissance For The Purposes Of An Enhanced Investigation Of The Phase One Property	14
5.3.2	Written Description Of Investigation	14
6.0	REVIEW AND EVALUATION OF INFORMATION	15
6.1	CURRENT AND PAST USES	15
6.2	POTENTIALLY CONTAMINATING ACTIVITY	16
6.4	PHASE ONE CONCEPTUAL SITE MODEL	17
7.0	PHASE ONE ESA CONCLUSION	18



7.1	WHETHER PHASE TWO ENVIRONMENTAL SITE ASSESSMENT IS REQUIRED BEFORE THE FILING OF A RECORD OF SITE CONDITION.....	18
7.2	RECORD OF SITE CONDITION BASED ON PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE.....	18
8.0	ASSESSOR QUALIFICATIONS.....	18
9.0	LIMITATION AND CLOSURE.....	19
10.0	REFERENCES.....	20

DRAWING 1: Site Location Map

DRAWING 2: Phase One Conceptual Site Model with Potentially Contaminating Activities

APPENDICES

Appendix A: Legal Survey

Appendix B: Chain of Title

Appendix C: ERIS Report

Appendix D: Fire Insurance Plan

Appendix E: City Directory

Appendix F: Regulatory Correspondence

Appendix G: Aerial Photographs

Appendix H: Interviews

Appendix I: Site Photographs

Appendix J: Previous Environmental or Other Reports

Appendix K: Qualifications of the Assessors

1.0 INTRODUCTION

Sola Engineering Inc. (Sola) was retained by Mr. Andrew Mills of City of Barrie (the Client), to conduct a Phase One Environmental Site Assessment (ESA) for a parcel of land located at 48 Dean Avenue, in Barrie, Ontario (herein referred to as “the Phase One Property” and “the Site”). The location of the Phase One Property is presented in Drawing No. [1]. This work was authorized on October 10th, 2023.

The Phase One Property is a rectangular parcel of land located north of Dean Avenue and approximately 90 metres east of Raquel Street in Barrie, Ontario. The total property area of the Site is approximately 6,596 m² (~71,000 ft²). It is our understanding that the Client is planning to sell the property and the Phase One Property is currently vacant.

All parts of the ESA were performed in accordance with Schedule D of Ontario Regulation 153/04 (as amended).

The general objectives of a Phase One ESA are to:

- Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- Determine the need for a Phase Two ESA;
- Provide a basis for conducting a Phase Two ESA; and,
- Provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property for the conduct of a risk assessment following completion of a Phase Two ESA, if applicable.

The Phase One ESA does not include sampling or testing of soil, groundwater, or building materials. These analyses would be conducted in a Phase Two ESA or a designated hazardous building materials survey if warranted.

The findings presented in this report may be used for the above-noted purposes, subject to the limitations stated under Section 10.0. No third parties other than those mentioned in this report are entitled to rely upon this report without the express written consent of Sola. Any use that a third party makes of this report is the sole responsibility of the said third party; Sola accepts no responsibility for any damages.

1.1 PHASE ONE PROPERTY INFORMATION

The Phase One Property information is shown in the table below. A legal survey plan is attached in Appendix A.



Table 1 – Phase One Property Information

Municipal Address	48 Dean Avenue, Barrie, Ontario
Phase One Property Identification Number	58737-1078
Legal Description	Not Available
Size of Phase One Property	6,596 m ² (~71,000 ft ²)

1.2 CLIENT CONTACT INFORMATION

Our client's information is:

City of Barrie
Andrew Mills
City Hall, 70 Collier Street,
Barrie, Ontario
L4M 4T5
Phone: 705-739-4220 x 5051
Email: andrew.mills@barrie.ca

2.0 SCOPE OF INVESTIGATION

The Phase One ESA was conducted in conformance with Schedules D of Ontario Regulation 153/04 (the Regulation) (as amended) made under the Environmental Protection Act (R.S.O. 1990, Chapter E.19) and included the following:

- Review of existing historical records for the Phase One Property and surrounding areas to identify actual or potential sources of environmental contamination;
- Phase One Property reconnaissance, including an environmental inspection of any existing buildings or structures, to observe and document the present environmental condition;
- Interviews with knowledgeable person(s) relating to any environmental concerns; and,
- Preparations of this Phase One ESA report which includes our findings, conclusions and recommendations.

It should be noted that the format of this report is intended to support the filing of a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation and Parks (MECP).



3.0 RECORDS REVIEW

3.1 GENERAL

The historical records review of past land uses of the Phase One Property and surrounding areas including historical county atlas, city directory searches, a chain of title searches, previous environmental reports, topographical, physiographic, and geological maps, aerial photographs, and a review of Environmental Risk Information Service (ERIS) databases.

The Technical Standards and Safety Authority (TSSA) was contacted to conduct a search and review of the records with respect to the presence of fuel storage tanks or expired tanks at the Phase One Property and select adjacent addresses in the Phase One Study Area.

A Freedom of Information request was made to the Ministry of the Environment, Conservation and Parks (MECP) for a search of records in relation to spills, orders, and convictions associated with the Phase One Property.

3.1.2 First Developed Use Determination

The determination of the first developed use of the Phase One Property was based on a review of available historical maps and aerial photographs. The Historical County Atlas Map of 1871 indicated that the Phase One Property was owned by W. Hewson and likely used for agricultural purposes. According to the aerial photos, the Phase One Property was likely used for agricultural purposes prior to 1954.

3.1.3 Fire Insurance Plans

ERIS was contacted for a Fire Insurance Plan (FIP) for the Phase One Property. ERIS reported that no FIP was found for the Phase One Property or the surrounding area. A copy of the result from ERIS is presented in Appendix [D].

3.1.4 Underwriter Reports And Plans

ERIS was contacted for underwriters' reports or plans for the Phase One Property. ERIS reported that no reports or plans were found for the Phase One Property or the surrounding area.

3.1.5 Chain Of Title

A Chain of Title search for the Phase One Property was requested from Domsons Title Search Inc. The findings are presented in the table below. A copy of the title search is included in Appendix [B].



Table 2 – Chain of title (PIN#: 58737-1078)

Year	Name of Owner
1825	Crown
1825-1825	John Stamin
1825-1835	George F. Fleming
1835-1851	William C. Ross
1851-1853	Charles Hall
1853-1854	James Johnson
1854-1859	John Elgie
1859-1860	William Ardagh
1860-1893	William Hewson
1893-1906	Charles Hewson
1906-1958	Thomas Cook
1958-1969	The Director, The Veterans' Land Act
1969-1969	John V. Lennox
1969-1969	Honey Crescent Building Co. Ltd.
1969-1973	Citadel Construction Co. Ltd.
1973-1973	Skyfleet Developments Limited
1973-1976	Western Realty Projects (Ontario) Limited
1976-1989	Heritage Glen West Limited
1989-1996	The Royal Bank of Canada (Mortgagee)
1996-2000	3251586 Canada Inc.
2000-Present	The Corporation of The City of Barrie

Based on the information provided in the Chain of Title, no environmental concerns are identified on the Site.

3.1.1 Phase One Study Area Determination

The Phase One Study Area generally consists of the Site plus 250 metres beyond the perimeter boundaries of the Site. The properties are commercial to the north, institutional to the west, and residential houses to the south and east.

Streets within the 250 metres study area include:

- Dean Avenue
- Russell Hill Drive
- Raquel Street
- Grace Crescent
- Chantal Street



- Shaina Court
- Yonge Street
- Big Bay Point Road
- Montgomery Drive

Historical Surrounding Land Uses:

- Historical land uses surrounding the Phase One Property were historically agricultural and/or vacant land, and residential land, and commercial land.

Landfill/Coal Gasification/PCB Inventories - Sola reviewed the following documents:

- Waste Disposal Site Inventory, June 1991, ISBN 0-7729-8409-3, Waste Management Branch, Ontario Ministry of the Environment;
- Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987, Volume I and II, Waste Management Branch, Ontario Ministry of the Environment; and,
- Ontario Inventory of PCB Storage Sites, October 1991, updated January 1992, ISBN 0-7729-9044-1, Waste Management Branch, Ontario Ministry of the Environment.

Based on the above review, there were no active or inactive landfills, coal gasification plants, or PCB storage sites on or in the vicinity of the Phase One Property.

Therefore, properties in part along the 250 m from the Phase One Property boundaries are included in the Phase One Study Area. The Phase One Study Area is shown in Drawing [1].

3.1.6 City Directory Search

ERIS was contacted for city directories of the Phase One Property as well as properties adjacent to the Phase One Property. ERIS reported that 'no coverage was identified for the Site or surrounding area'. Therefore, no Potentially Contaminating Activities were identified for the Site. A copy of the result from ERIS is presented in Appendix [E].

3.1.7 Environmental Or Other Reports

An environmental soil characterization report was provided to Sola and was prepared by EnVision Consultants Ltd. (EnVision) in October 2023. This report was prepared for the same client (City of Barrie) and was supporting the proposed regrading of the property adjacent to the Painswick Branch of the Barrie Public Library located at 48 Dean Avenue.



EnVision conducted soil sampling at the stockpiles on the property, and the samples were sent to ALS Laboratories (ALS) located in Mississauga, Ontario, for chemical analyses. Based on the analytical laboratory results, all parameters (Petroleum Hydrocarbons F1-F4, Polycyclic Aromatic Hydrocarbons, Benzene, Toluene, Ethylbenzene, Xylene, Volatile Organic Compounds, Metals, As, Sb, Se, Hg, Cr(VI), CN, B(HWS), Sodium Adsorption Ratio, Electrical Conductivity) analyzed, met the Table 2.1: Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition for Residential, Parkland, and /or Institutional Use. EnVision concluded that grading the stockpiles throughout the site was acceptable from an environmental perspective.

Based on information in EnVision's report, no Potentially Contaminating Activities were identified on the Phase One Property.

A copy of previous report is presented in Appendix [J].

3.2 ENVIRONMENTAL SOURCE INFORMATION

A search of records for federal, provincial, and private databases pertaining to the Phase One Property and surrounding properties within 250 meters from the Phase One Property boundaries was conducted by Environmental Risk Information Services (ERIS).

3.2.1 Records Database Report

A request was made to ERIS to conduct a complete search for all available database records pertaining to the Phase One Study Area. See Appendix [C] for a copy of the Report. A summary of findings from the review of the ERIS report are summarized in the table below.

Table 3 – ERIS Database Findings

Database	Description of Relevant Data to Phase One ESA	Causing an APEC onto the Site
Phase One Property		
Ontario Regulation 347 Waste Generators Summary	Four listings were found for the Phase One Property	None
Phase One Study Area		
Certificates of Approval	Seven listing were found within the Study Area.	None



Database	Description of Relevant Data to Phase One ESA	Causing an APEC onto the Site
Delisted Fuel Tanks	Twenty-nine listing were found within the Study Area.	None
Environmental Activity and Sector Registry	Two listings were found within the Study Area	None
Environmental Compliance Approval	Three listings were found within the Study Area	None
Fuel Storage Tank	Fourteen listings were found within the Study Area	None
Fuel Storage Tank - Historic	One listing was found within the Study Area	None
Ontario Regulation 347 Waste Generators Summary	Forty-one listings were found within the Study Area	None
TSSA Historic Incidents	Five listings were found within the Study Area	None
Fuel Oil Spills and Leaks	Two listings were found within the Study Area	None
Pesticide Register	Eight listings were found within the Study Area	None
Pipeline Incidents	Two listings were found within the Study Area	None
Private and Retail Fuel Storage Tanks	Three listings were found within the Study Area	None
Ontario Spills	Twenty-eight listings were found within the Study Area	None
Water Well Information System	Thirty-two listings were found within the Study Area	None

3.2.2 Provincial Records Database

A *Freedom of Information* request was made on October 11th, 2023, to obtain information with respect to any control orders, violation notices, or other environmental concerns with the MECP for the Phase One Property. A response was received on October 13th, 2023. MECP indicated that there are records of registered waste generators located within the Painswick Library division. Due to the property operating as a library for many years, the waste generators at the library is not considered an environmental concern to the Phase One Property.



Copies of correspondence to and from the MECP are presented in Appendix [F].

3.2.3 Technical Standards and Safety Authority Records

A request was made on October 16th, 2023, to the Technical Safety and Standards Association (TSSA), to inquire about the presence of current or expired fuel tanks at the Phase One Property and select adjacent properties.

In a response received on October 16th, 2023, records were identified at 620 Yonge Street. The records indicate that a propane tank is currently operating for refill and cylinder exchange on the property.

Due to the separation distance between the two properties being over 100 metres apart, as well as the propane tank containing pressurized liquid propane (and not liquid when released), the property is not anticipated to cause an area of potential environmental concern onto the Phase One Property.

A copy of this correspondence is presented in Appendix [F].

3.3 PHYSICAL SETTING SOURCES

3.3.1 Aerial Photographs

The earliest available aerial photographs of the Phase One Property and Phase One Study Area were available at County of Simcoe Interactive Maps. Aerial photographs for the years 1954, 1978, 2002, 2008, 2012, and 2022 were reviewed. Copies of the aerial photographs are presented in Appendix [G]. These photographs were selected as they provide a visual record of the Phase One Property and its surrounding properties, beginning with the first developed use of the Phase One Property. The findings are presented in the table below.

Table 4 – Observation from Aerial Photographs

Year	Phase One Property	Surrounding Areas Pertaining to the Phase One Study Area
1954	Agricultural	The entire Phase One Property is observed to be agricultural land, as well as the Phase One Study Area. Due to the low resolution of the photo, it is difficult to discern all the details in the surrounding area and on the Phase One Property clearly.



Year	Phase One Property	Surrounding Areas Pertaining to the Phase One Study Area
1978	Agricultural	As with the previous photograph, the Phase One Property remains unchanged. Significant residential development is evident to the north within the Phase One Study Area.
2002	Vacant	The Phase One Property is vacant. Significant residential development is observed to the south and southwest within the Phase One Study Area. Properties adjacent to the Phase One Property to the northwest and southeast is observed to be under construction, although it is difficult to discern their land use from the photo.
2008	Vacant	As with the previous photograph, the Phase One Property remains unchanged. The adjacent properties to the Phase One Property are commercial to the north and northwest, vacant to the west and east, and residential in the remaining directions.
2012	Vacant	As with the previous photograph, the Phase One Property remains unchanged. The property adjacent to the west side of the Phase One Property is a public library. No significant changes observed within the Phase One Study Area.
2022	Vacant	As with the previous photograph, the Phase One Property remains unchanged. The property adjacent to the east side of the Phase One Property is currently under construction. No significant changes observed within the Phase One Study Area.

3.3.2 Topography, Hydrology, Geology

Based on the review of Toporama, Natural Resources of Canada, the vicinity of the Phase One Property has an elevation of approximately 250-260 metres above sea level (masl) with downward contours in the south and southwest directions. This feature is anticipated to control surface water drainage and shallow groundwater flow patterns. Groundwater flow was anticipated to be in the southwesterly to southerly direction. Localized groundwater flow may be influenced by other factors such as utilities. The Phase One Property is in till plains (Ontario Geological Survey (OGS, 2023).



Quaternary geology consists of stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. Surficial geology consists of stone-poor, carbonate-derived silty to sandy till (OGS, 2023). Bedrock geology is generally interbedded limestone, dolostone, shale, arkose, and sandstone under Shadow Lake Formation. Review of Mines and Minerals Division Ontario Geological Survey, bedrock topography Map P.3214, indicated that the elevation of bedrock in the vicinity of the Phase One Property is approximately 120-130 masl.

3.3.3 Fill Materials

According to the records review, no evidence of imported fill material has been reported since the Phase One Property was first used as agricultural land and has remained vacant up to present day.

3.3.4 Water Bodies, Areas of Natural Significance, Groundwater Information, And Well-Head/Groundwater Protection Areas

The following informational sources were reviewed as part of this section: the Ontario Geological Survey database, The Ministry of Environment, Conservation and Parks of Ontario Drinking Water Source Mapping program, the Make a Map: Natural Heritage Areas of Ontario program, the Water Well Information System (WWIS), and Source Protection Information Atlas of Ontario. A summary is the following:

The Phase One Property is not located within a Wellhead Protection Area. No areas of natural significance (ANSI) and water bodies are present within the Phase One study area.

3.3.5 Well Records

Ontario Well records were obtained from the Ontario Well Records Database. No records were identified within the Phase One Property and adjacent properties, and the details of the monitoring wells located within the Phase One Study Area are listed in Appendix [C].

3.4 SITE OPERATING RECORDS

As the property is undeveloped/vacant, no site operating records exists for the Phase One Property.



Table 5 - Relevant Details of Phase One Property Operating Records

Topic	Document Title	A detailed description of data, analysis, or findings relevant to the Phase One ESA (such as the existence of an APEC)
Regulatory permits and records related to areas of potential environmental concern	n/a	n/a
Material safety data sheets	n/a	n/a
Underground utility drawings	n/a	n/a
Inventory of above-ground storage tanks and underground storage tanks	n/a	n/a
Environmental monitoring data, including data collected in response to an order or request of the Ministry	n/a	n/a
Waste management records and current and historical locations	n/a	n/a
Waster generator and receiver information maintained by the Ministry	n/a	n/a
Process, production, and maintenance documents related to APECs	n/a	n/a
Records of spills and records of discharges of contaminants (where notice was required to be given to the Ministry)	n/a	n/a
Emergency response and contingency plans, including spill prevention and contingency plans	n/a	n/a
Environmental audit reports	n/a	n/a
Phase One Property plan of the facility showing areas of production and/or manufacturing	n/a	n/a

4.0 INTERVIEWS

Sola conducted verbal and email interviews with the purpose of gathering environmental information for the Phase One Property. Mr. Gus Diamantopoulos from City of Barrie was interviewed on October 23rd, 2023. Based on the interviewee's understanding, the Phase One Property remained vacant up to present day. A copy of the questionnaire is included in Appendix [H].



5.0 PHASE ONE PROPERTY RECONNAISSANCE

5.1 GENERAL INFORMATION

The Phase One Property is currently undeveloped/vacant land. The property was covered with vegetation (i.e. grass, shrubs). Access to the Phase One Property was from Dean Avenue to the south.

5.2 GENERAL REQUIREMENTS

Table 6 - General Requirements, Phase One Property Reconnaissance

Date	October 23 rd , 2023
Time	1:30 p.m. – 2:00 p.m.
Weather Conditions	Mainly Sunny, 3 degrees Celsius
Length of Time of the Investigation	0.5 hours
Limitations of Access	All areas were accessible.
Name and Qualifications of QP or Persons Under the Supervision of a QP Conducting the Investigation	JiaYu (Katrina) Cheng, M.Eng., E.I.T. Hamed Hosseinzadeh, M.Eng. Rohan Nareshkumar Tankaria, M.Eng.
Enhanced Phase One Property Investigation	No facilities requiring an enhanced investigation of the property were in use at the time of the site reconnaissance.

The Phase One Property site reconnaissance included a walk-through of accessible areas of the Phase One Property and the neighbouring properties within the Phase One Study Area from publicly accessible areas. The Phase One Property site reconnaissance was documented with notes and photographs. A written description and explanation of the photographs are provided in Appendix [I].

5.3 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

The table below illustrates observations made during the time of the Phase One Property Site Reconnaissance.

Table 7 - Site Reconnaissance Observations

Topic	Observations
General description of structures and other improvements, including the number and age of buildings	No building/structure onsite.



Topic	Observations
Number of floors (including below ground)	Not applicable.
Number, age, and depth of levels below ground level	Not applicable.
Number and details (material, method of construction, age, contents, volume, if its currently in use) of all above-ground storage tanks (ASTs)	None observed.
Number and details (material, method of construction, age, contents, volume, if its currently in use) of all below-ground storage tanks (USTs)	None observed.
Potable water sources	Not applicable.
Utility lines (e.g. Water, Electrical, Natural gas, etc.)	Not applicable.
Exit and entry points	Not applicable.
Former heating system(s), fuel type, and source	Not applicable.
Existing heating system(s), fuel type, and source	Not applicable.
Cooling system(s), fuel type, and source	Not applicable.
Unidentified substances, the interior of buildings or structures	Not applicable.
Floor stains (other than water) or corrosions near a potential discharge location (drains, pits sumps, cracks, or other)	Not applicable.
Location of any former wells	None observed.
Location of any current wells	None observed.



Topic	Observations
Ground cover (e.g. pavement, gravel, grass, soil, etc.)	The ground cover consists of mainly vegetation (i.e. grass, shrubs) and some gravel.
Current railway lines or spurs, location	None observed.
Former railway lines or spurs, location	None observed.
Presence of stained soil, vegetation, pavement, or other ground cover type	None observed.
Presence of stressed vegetation	None observed.
Locations, where fill and/or debris materials, appear to have been placed or graded	None observed.
Potentially contaminating activity (PCA)	None observed.
Unidentified substances, the exterior of buildings or structures	None observed.
Odours	None observed.

5.3.1 Observations From The Phase One Property Reconnaissance For The Purposes Of An Enhanced Investigation Of The Phase One Property

The Phase One Property has not been or is being used in any manner which would deem it an enhanced investigation.

5.3.2 Written Description Of Investigation

The Site Reconnaissance was conducted on October 23rd, 2023. During the Site reconnaissance, notes and photographs were documented regarding the environmental condition of the Site. No PCA was identified on the Phase One Property or within the Study Area during the site visit. Details of the site visit are provided in the previous sections.



6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 CURRENT AND PAST USES

The current and past uses of and activities at or affecting the Phase One Property are summarized in the table below.

Table 8 - Current and Past Uses of the Phase One Property (PIN#:58737-1078)

Year	Name of owner	Property use	Other observations from aerial photographs, fire insurance plans, etc.
1825	Crown	Agricultural or other	From Chain of Title
1825-1825	John Stamin	Agricultural or other	From Chain of Title
1825-1835	George F. Fleming	Agricultural or other	From Chain of Title
1835-1851	William C. Ross	Agricultural or other	From Chain of Title
1851-1853	Charles Hall	Agricultural or other	From Chain of Title
1853-1854	James Johnson	Agricultural or other	From Chain of Title
1854-1859	John Elgie	Agricultural or other	From Chain of Title
1859-1860	William Ardagh	Agricultural or other	From Chain of Title
1860-1893	William Hewson	Agricultural or other	From Chain of Title
1893-1906	Charles Hewson	Agricultural or other	From Chain of Title
1906-1958	Thomas Cook	Agricultural or other	Aerial Photographs; Chain of Title
1958-1969	The Director, The Veterans' Land Act	Agricultural or other	Aerial Photographs; Chain of Title
1969-1969	John V. Lennox	Agricultural or other	Aerial Photographs; Chain of Title
1969-1969	Honey Crescent Building Co. Ltd.	Agricultural or other	Aerial Photographs; Chain of Title
1969-1973	Citadel Construction Co. Ltd.	Agricultural or other	Aerial Photographs; Chain of Title; Historical County Atlas Map (1871)



Year	Name of owner	Property use	Other observations from aerial photographs, fire insurance plans, etc.
1973-1973	Skyfleet Developments Limited	Agricultural or other	Aerial Photographs; Chain of Title
1973-1976	Western Realty Projects (Ontario) Limited	Agricultural or other	Aerial Photographs; Chain of Title
1976-1989	Heritage Glen West Limited	Agricultural or other	Aerial Photographs; Chain of Title
1989-1996	The Royal Bank of Canada (Mortgagee)	Vacant	Aerial Photographs; Chain of Title
1996-2000	3251586 Canada Inc.	Vacant	Aerial Photographs; Chain of Title
2000-Present	The Corporation of The City of Barrie	Vacant	Aerial Photographs; Chain of Title

6.2 POTENTIALLY CONTAMINATING ACTIVITY

Current and historic potentially contaminating activities, as outlined in Table 2 of Schedule D of the O. Reg. 153/04, (as amended), on the Phase One Property and in the Phase One Study Area include:

Table 9 – Potentially Contaminating Activities

Potentially Contaminating Activity on, in, or under the Phase One Study Area	Address	Description of Potentially Contaminating Activity
#28 – Gasoline and Associated Products Storage in Fixed Tanks	623 Yonge Street	Underground storage tanks at Petro Canada gas station.
	647 Yonge Street	Underground storage tanks at Taurus Fuels Inc.
#37 – Operation of Dry Cleaning Equipment (where chemicals are used)	649 Yonge Street	Dry cleaning service at Fabricare Cleaning Center Barrie
#55 – Transformer Manufacturing, Processing and Use	37 Dean Avenue	Equipment failure caused non-PCB transformer oil to vault.



The locations of PCAs within the Phase One Study Area are shown in Drawing [2].

6.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Based on our review of the activities identified at the Site and Study Area, there is no Areas of Potential Environmental Concern (APECs) on the Site.

The PCAs within the Phase One study area were not considered to be contributing to APECs on the Site due to the separation distance between these properties and the Phase One Property being over 100 metres apart.

6.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase One ESA Conceptual Site Model consists of a Site Plan and site features Drawing No. 1 and a plan depicting the Site and the Study Area PCAs Drawing No. 2.

The Phase One Property is a rectangular parcel of land located north of Dean Avenue and approximately 90 metres east of Raquel Street in Barrie, Ontario. The total property area of the Site is approximately 6,596 m² (~71,000 ft²). It is our understanding that the Client is planning to sell the property and the Phase One Property is currently vacant.

No PCA was identified on the Site and four (4) PCAs within the Study Area were identified. No PCA was considered to be contributing to APEC on the Site (see Sections 6.2 and 6.3 for details).

No underground structure/utility/sewage works or signature of a current or historic railway line was noted on the Site.

The Phase One Property is in till plains (Ontario Geological Survey (OGS, 2023). Quaternary geology consists of stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. Surficial geology consists of stone-poor, carbonate-derived silty to sandy till (OGS, 2023). Bedrock geology is generally interbedded limestone, dolostone, shale, arkose, and sandstone under Shadow Lake Formation. Review of Mines and Minerals Division Ontario Geological Survey, bedrock topography Map P.3214, indicated that the elevation of bedrock in the vicinity of the Phase One Property is approximately 120-130 masl. The hydrogeology of the Site and the vicinity is primarily controlled by topographic elevation, glacial geology, and bedrock topography of the region. Locally, shallow and regional groundwater is expected to flow southerly toward Lake Simcoe.



Since the assessment of PCAs and APECs were based on theoretical information, there was inherent uncertainty in the Phase One Conceptual Site Model. These predictions were mostly based on the information available from data sources. If these predictions are incorrect, evaluation for PCAs as well as APEC could be missed. However, attempts were taken to minimize the uncertainties by field observations.

7.0 PHASE ONE ESA CONCLUSION

7.1 WHETHER PHASE TWO ENVIRONMENTAL SITE ASSESSMENT IS REQUIRED BEFORE THE FILING OF A RECORD OF SITE CONDITION

Based on the findings of this Phase One ESA, a Phase Two ESA is not required before filing a Record of Site Condition.

Sola has undertaken our own due diligence in completing this Phase One ESA. The logic and rationale of the conclusion are based on document review, site reconnaissance and interviews.

Third-party sources such as interactive map websites, ERIS, topographic and other regulatory information, and previous environmental reports were reviewed during this ESA. The conclusions were based on information obtained from the above sources in conjunction with site visit findings and interviews.

7.2 RECORD OF SITE CONDITION BASED ON PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE

A Record of Site Condition can be submitted based on this Phase One Environmental Site Assessment alone. It should be noted that an RSC is not needed when the property use is not changing to more sensitive land use (i.e. Commercial to residential). However, local and regional governments may require an RSC as part of the development approval process.

8.0 ASSESSOR QUALIFICATIONS

Sola Engineering Inc. is a Geotechnical and Environmental Engineering firm incorporated in 2016 in accordance with Ontario and Canada regulations. It provides soil and material testing and inspection services, as well as environmental studies. Sola Engineering Inc. is registered in Ontario and operates under a Certificate of Authorization from the Professional Engineers of Ontario. The qualifications of the environmental assessors are presented in Appendix [K].



9.0 LIMITATION AND CLOSURE

Services performed by Sola Engineering Inc. were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the environmental consulting engineering profession. This report does not exhaustively cover all possible environmental conditions or circumstances that may exist on the Phase One Property. If a service is not expressly indicated, it should not be assumed that it was provided.

In evaluating the Phase One Property, Sola Engineering Inc. has relied on the Client to provide all existing relevant reports. Furthermore, we also relied in good faith on information provided by any other individuals noted in the report. We assume that all the information provided is factual and accurate. We accept no responsibility for any deficiencies, misstatements, or inaccuracies contained in this report as a result of omissions, misrepresentation, or fraudulent acts by the Client or any persons contacted.

Since the date of completing all work related to the records review, interviews, and Phase One Property reconnaissance required for this Phase One Environmental Phase One Property Assessment there has been no material change to any areas of potential environmental concern.

It should also be noted that current environmental guidelines and regulations are subject to change; such changes, when put into effect, could alter the conclusions and recommendations noted through this report.

Respectively Submitted,
SOLA ENGINEERING INC.

JiaYu (Katrina) Cheng, M.Eng., E.I.T.
Junior Environmental Scientist



Naveed Rehman, P.Geo., QP_{ESA}
Senior Project Geoscientist



10.0 REFERENCES

- Ministry of the Environment and Climate Change. June 2011. *Guide for Completing Phase One Environmental Phase One Property Assessments under Ontario Regulation 153/04 (Electronic Version)*;
- *Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act* Environment Canada, National Pollutant Release Inventory;
- Ontario Ministry of the Environment Hazardous Waste Information Network;
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry;
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plant Waste Sites in Ontario, 1987;
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998;
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004;
- Waste Disposal Site Inventory, 1991;
- Ministry of Environment, Conservation and Parks - Freedom of Information;
- Technical Standards and Safety Authority – Fuel Safety Division inquiry;
- Environmental Risk Information Services (ERIS Report).
- *Environmental Soil Characterization – 48 Dean Avenue*, Barrie, dated October 18, 2023, prepared by EnVision Consultants Ltd. (EnVision).



STATEMENT OF LIMITATIONS

Standard of Care and Basis of this Report

Sola Engineering Inc. ("Sola Engineering") has prepared this report in a manner consistent with generally accepted engineering and/or environmental practices in the jurisdiction in which the specified services were provided. The information and conclusions set out in this report reflects Sola Engineering's best professional judgment in light of the information available to Sola Engineering at the time of preparation. Sola Engineering disclaims any and all warranties, express or implied, including without limitation any warranty of merchantability and/or fitness for a particular purpose, and makes no representations concerning the legal effect, interpretation or significance of this report or the information, conclusions or recommendations contained in it.

The conclusions and recommendations provided in this report have been prepared in relation to the specified site (the "Site") and the proposed project (the "Project"), as described by the Client to Sola Engineering. Given the nature of the work undertaken by Sola Engineering as part of this report, the Client acknowledges that ground conditions may vary over distances and may change over time. Should there arise any changes to the conditions of the Site or the Project (as to purpose or design), Sola Engineering is to be notified within a reasonable period of time, and in any event within 24 hours of the Client's learning of such changes, so as to give Sola Engineering an opportunity to review and revise this report in light of such changes. Sola Engineering accepts no liability or responsibility for any use of this report or reliance on this report following any changes to the conditions of the Site or the Project.

The scope of professional services provided by Sola Engineering for the Project are as set out in this report. Should such services be limited to those of a geotechnical nature, Sola Engineering shall not be held liable or responsible for any environmental services that may be required, nor shall this report be interpreted to reflect any environmental aspects of the Project. Alternatively, should such services be limited to those of an environmental nature, Sola Engineering shall not be held liable or responsible for any geotechnical services that may be required, nor shall this report be interpreted to reflect any geotechnical aspects of the Project.

This report is not intended to provide recommendations for possible future conditions or use of the Site or adjoining properties. Should the need arise for such recommendations Sola Engineering may need to conduct further investigations.

Use of this Report

This report is intended to be read and used in its entirety. No reliance may be made upon any individual portion or section of this report without reference to the entire report as a whole. In preparing this report, Sola Engineering has relied on information, instructions and communications given by the Client to Sola Engineering, the applicability, truth and accuracy of which is the sole responsibility of the Client.

This report with the information, sampling data, analysis, conclusions and recommendations contained in it (if any), has been prepared for and may only be used by the Client and only for the specific purpose as specified by the Client to Sola Engineering in connection with the Project. Without prior written consent from Sola Engineering, use of this report or any portion thereof by any person or entity other than the Client, or for any purpose other than as communicated by the Client to Sola Engineering, is strictly prohibited. Sola Engineering accepts no liability or responsibility for the unauthorized use of this report. This report and all documents that form part of it are the sole property of Sola Engineering. Sola Engineering relies on and retains any and all intellectual property rights it has in this report, including any copyright to which it is entitled. The Client shall not give, lend or sell this report, or any portion thereof, to any entity, person or association without the express prior written consent of Sola Engineering. This report and the information contained herein shall be treated as strictly confidential.

The contents of this report, inclusive of Sola Engineering's conclusions and recommendations in relation to the Project, are intended only for the guidance of the Client in carrying out the specified services for the Project, as described by the Client to Sola Engineering. Accordingly, Sola Engineering does not accept any liability or responsibility for any inaccuracy contained in this report arising as a result of or in any way connected with any exclusion, oversight or falsification of the information provided to Sola Engineering by the Client. This report, including the effect of the subsurface conditions as described in this report, is to be interpreted at the risk and discretion of the Client and any contractors or others bidding on or undertaking contractual work to be performed as part of the Project who may come into possession of or learn of this report or its contents. It is exigent that all contractors bidding or undertaking the work are to rely on their own interpretations of the data contained in this report in addition to their own investigations and conclusions. Sola Engineering shall not be held liable or responsible for any interpretation of or conclusions that may be drawn from the data or information contained in this report.

The information, recommendations and conclusions presented in this report are based on Sola Engineering's interpretation of conditions revealed through the limited investigation conducted within a defined scope of services. In no event will Sola Engineering be held responsible or liable to the Client or any other person or entity for any special, indirect, incidental, punitive or consequential loss or damage (including, loss of use, lost profits or expenses incurred) resulting from or in any way related to the independent interpretations, interpolations, conclusions or decisions of the Client or any other person or entity, based on the information contained in this report. The restriction of liability includes but is not limited to decisions made to develop, purchase or sell land.

Notwithstanding the exclusions of liability contained herein but without in any way limiting their effect or generality, if there is found to be any finding of liability or responsibility whatsoever on the part of Sola Engineering which in any way relates to or arises from this report, or the information, conclusions or recommendations contained in it, such liability and/or responsibility shall cease and forever be extinguished from and after the date which is two (2) years from the date of this report. In no event shall any liability or responsibility of Sola Engineering exceed the fees charged by Sola Engineering to the Client for the preparation of this report (excluding any arms' length disbursements or expenditures made or incurred by Sola Engineering as a result thereof and reimbursed by the Client).

Site Conditions

The material conditions, classifications, conclusions and recommendations contained in this report were based on the site conditions observed or tested by Sola Engineering or otherwise communicated to Sola Engineering by the Client. The description, identification and classification of soils, rocks, chemical contamination and other materials have been made based on limited investigations, sampling and testing of materials performed by Sola Engineering and its qualified representatives in reliance on the use of relevant or applicable equipment, all in accordance with commonly acceptable standards in the geotechnical and/or environmental disciplines. Accordingly, this report may include assumptions of conditions which are based on discrete sample locations and thus some conditions may not have been detected. The Client accepts all liability and risk for the use of this report and the information and data contained in it. Sola Engineering shall not be held liable or responsible for any conditions beyond the scope of tests conducted on samples of the subsurface and soil conditions of the subject property as set out in this report.

For clarity, the Client acknowledges and accepts that unique risks exist whenever engineering or related disciplines are applied to identify subsurface conditions and even a comprehensive sampling and testing program may fail to detect certain conditions. The environmental, geological, geotechnical, geochemical and hydrogeological conditions that Sola Engineering interprets to exist between sampling points may differ from those that actually exist. As a result, the Client acknowledges and accepts that because of the inherent uncertainties in subsurface evaluations, unanticipated underground conditions may occur or become known subsequent to Sola Engineering's investigation that could affect conclusions, recommendations, total Project cost and/or execution.

Indemnification of Risk

Though Sola Engineering adheres to the highest degree of integrity and employs due diligence in limiting the potential release of toxins and hazardous substances, the risk of accidental release of such substances is a possibility when providing geotechnical and environmental services.

In consideration of the provision of services by Sola Engineering, the Client agrees to defend, indemnify and hold Sola Engineering and its employees and agents harmless from and against any and all claims, liabilities, damages, causes of action, judgments, costs or expenses (including reasonable legal fees and disbursements), resulting from or arising by reason of the death or bodily injury to persons, damage to property, or other loss, whether related to an accidental release of pollutants or hazardous substances occurring as a result of carrying out this Project or otherwise, and whether or not resulting from Sola Engineering's negligent actions or omissions. This indemnification shall include and extend to any and all third party claims brought or threatened against Sola Engineering under any federal or provincial law or statute as a result of Sola Engineering conducting work on the Project. In addition to and notwithstanding the foregoing, the Client further agrees to unconditionally and irrevocably release Sola Engineering from, and not to bring any claims against Sola Engineering in connection with, any of the aforementioned claims or causes.

Subconsultants and Contractor Services

In conjunction with the services provided by Sola Engineering's own employees, external services provided by other persons or entities that are specializing in services other than those offered by Sola Engineering, such as drilling, excavation and laboratory testing, are often employed in order to carry out the defined scope of work. If such external services have been employed for this Project, the Client acknowledges that Sola Engineering is not in any way liable or responsible for any costs, claims or damages in relation to the services rendered by such other persons or entities or payment therefor, nor shall Sola Engineering be liable or responsible for damages for errors, omissions or negligence caused by such other persons or entities while providing such external services.


Work and Job Site Safety

Sola Engineering shall be responsible only for its activities and that of its employees on the Site. Sola Engineering shall not direct any of the fieldwork nor the work of any other person or entity on the Project. The presence of Sola Engineering staff on the Site does not relieve the Client or any contractor on the Site from their responsibilities pertaining to site safety. The Client at all times retains any and all responsibility for the safety of those individuals present on the Site and/or working on the Project, including Sola Engineering's employees.



DRAWINGS



DRAWING NO: 1	DRAWING TITLE: Site Location Map	CLIENT: City of Barrie	LEGENDS: Phase One Property Phase One Study Area
		PROJECT NO: 11249-S0332-ENV	
		PROJECT: Phase One Environmental Site Assessment	
 390 Edgeley Blvd., Units 25 & 26, Vaughan, Ontario L4K 3Z6 T: 905 - 760 - 9501 F: 905 - 761 - 1822 W: www.solaengineering.ca	DATE: Nov., 2023	SITE ADDRESS: 48 Dean Avenue, Barrie, Ontario	
	DRAWN BY: K.C.		



APPENDIX A LEGAL SURVEY

FINAL APPROVAL STAMP

Approved under Section 51 of the Planning Act.

THIS 17th DAY OF April, 2000

Janice Leung
MAYOR

CITY CLERK

PLAN OF SUBDIVISION OF PART OF
LOTS 12, 13, 14
CONCESSION 12 AND PART OF
LOTS 1, 2, 3 & 7 AND ALL OF
LOTS 4, 5 & 6
REGISTERED PLAN 1417

IN THE GEOGRAPHIC TOWNSHIP OF INNISFIL
IN THE
CITY OF BARRIE
IN THE
COUNTY OF SIMCOE

SCALE 1 : 1250

RUDY MAK SURVEYING LTD.

1999

PLAN 51M-672

CERTIFICATE OF REGISTRATION

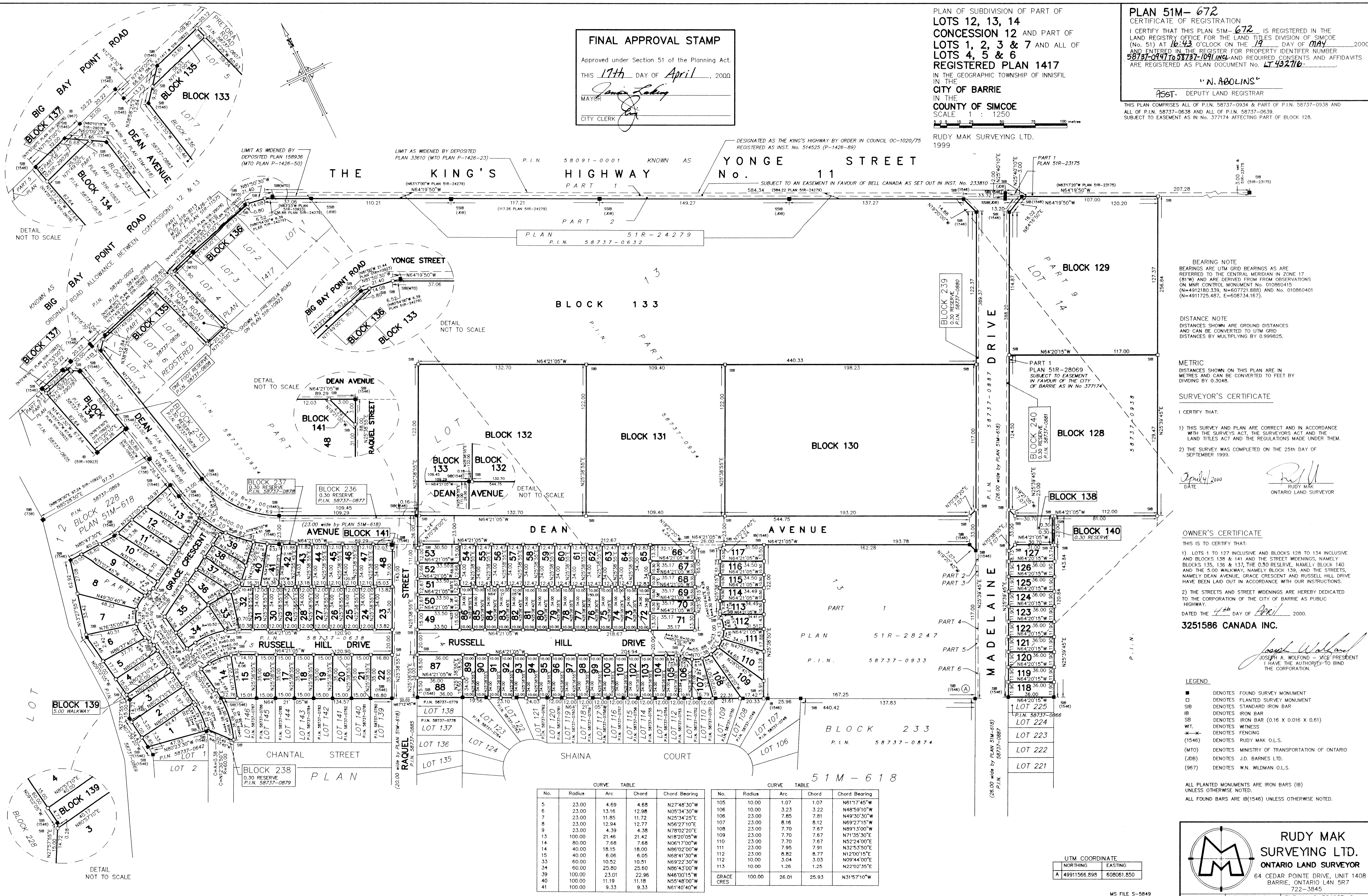
I CERTIFY THAT THIS PLAN 51M-672 IS REGISTERED IN THE
LAND REGISTRY OFFICE FOR THE LAND TITLES DIVISION OF SIMCOE
(No. 51) AT 10:43 O'CLOCK ON THE 19 DAY OF May, 2000
AND ENTERED IN THE REGISTER FOR PROPERTY IDENTIFIER NUMBER
58737-0934 TO 58737-0934 AND REQUIRED CONSENTS AND AFFIDAVITS
ARE REGISTERED AS PLAN DOCUMENT No. 492716

"N. ABOLINS"

ASST. DEPUTY LAND REGISTRAR

THIS PLAN COMPRISES ALL OF P.I.N. 58737-0934 & PART OF P.I.N. 58737-0938 AND
ALL OF P.I.N. 58737-0638 AND ALL OF P.I.N. 58737-0639.
SUBJECT TO EASEMENT AS IN No. 377174 AFFECTING PART OF BLOCK 128.

0 10 20 30 40 50 60 70 80 90 100 metres



BEARING NOTE
BEARINGS ARE UTM GRID BEARINGS AS ARE
REFERRED TO THE CENTRAL MERIDIAN IN ZONE 17
(81°W) AND ARE DERIVED FROM OBSERVATIONS
ON MNR CONTROL MONUMENT No. 010860415
(N=4912180.339, N=607721.888) AND No. 010860401
(N=4911725.487, E=608734.167).

DISTANCE NOTE
DISTANCES SHOWN ARE GROUND DISTANCES
AND CAN BE CONVERTED TO UTM GRID
DISTANCES BY MULTIPLYING BY 0.999825.

METRIC
DISTANCES SHOWN ON THIS PLAN ARE IN
METRES AND CAN BE CONVERTED TO FEET BY
DIVIDING BY 0.3048.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

- 1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE
WITH THE SURVEY ACT, THE SURVEYORS ACT, AND THE
LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
- 2) THE SURVEY WAS COMPLETED ON THE 25th DAY OF
SEPTEMBER 1999.

2 April 2000
DATE

Rudy Mak
ONTARIO LAND SURVEYOR

OWNER'S CERTIFICATE

THIS IS TO CERTIFY THAT:

- 1) LOTS 1 TO 127 INCLUSIVE AND BLOCKS 128 TO 134 INCLUSIVE
AND BLOCKS 135, 136 & 137, THE 0.30 RESERVE, NAMELY BLOCK 140
AND THE 5.00 WALKWAY, NAMELY BLOCK 139, AND THE STREETS,
NAMELY DEAN AVENUE, GRACE CRESCENT AND RUSSELL HILL DRIVE
HAVE BEEN LAID OUT IN ACCORDANCE WITH OUR INSTRUCTIONS.
- 2) THE STREETS AND STREET WIDENINGS ARE HEREBY DEDICATED
TO THE CORPORATION OF THE CITY OF BARRIE AS PUBLIC
HIGHWAY.

DATED THE 4th DAY OF April, 2000.

3251586 CANADA INC.

Joseph A. Wolford
JOSEPH A. WOLFORD - VICE PRESIDENT
I HAVE THE AUTHORITY TO BIND
THE CORPORATION.

LEGEND

- DENOTES FOUND SURVEY MONUMENT
- DENOTES PLANTED SURVEY MONUMENT
- DENOTES STANDARD IRON BAR
- DENOTES IRON BAR
- DENOTES IRON BAR (0.16 X 0.016 X 0.61)
- WT. DENOTES WITNESS
- DENOTES FENCING
- (1546) DENOTES RUDY MAK O.L.S.
- (WTO) DENOTES MINISTRY OF TRANSPORTATION OF ONTARIO
- (JOB) DENOTES J.D. BARNES LTD.
- (967) DENOTES W.N. WILDMAN O.L.S.

ALL PLANTED MONUMENTS ARE IRON BARS (IB)
UNLESS OTHERWISE NOTED.
ALL FOUND BARS ARE IB(1546) UNLESS OTHERWISE NOTED.

RUDY MAK SURVEYING LTD.
ONTARIO LAND SURVEYOR
64 CEDAR POINTE DRIVE, UNIT 1408
BARRIE, ONTARIO L4N 5R7
722-3845

DRAWN BY: JCD CHECKED BY: RM FILE No. S-5849SB-C

51M-672



APPENDIX B

CHAIN OF TITLE

CHAIN OF TITLE REPORT

Project #: 11249
 Address: 48 Dean Avenue, Barrie
 Legal: Block 132 Plan 51M672
 Description: _____

Searched at: Barrie
 LRO #: 51

Page 1

PIN #: 58737-1078 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (N1/2 Lot 13 Con 12 - 100 Acres)	15 07 1825	Crown	John STAMIN
391	Deed	29 10 1825	John Stamin	George F. FLEMING
1423	Deed	12 12 1835	George F. Fleming	William C. ROSS
10149	Deed	12 07 1851	John Ross exor for William C. Ross - Estate	Charles HALL
12330	Deed	30 05 1853	Charles Hall	James JOHNSON
15017	Deed	13 11 1854	James Johnson	John ELGIE
25641	Deed	28 01 1859	John Elgie	William ARDAGH
28121	Deed	04 02 1860	William Ardagh	William HEWSON
5293	Deed	27 11 1893	William Hewson	Charles HEWSON

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 11249
Address: 48 Dean Avenue, Barrie
Legal Block 132 Plan 51M672
Description:

PIN #: 58737-1078 (LT)

Searched at: Barrie
LRO #: 51

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
8166	Deed	13 03 1906	Charles Hewson	Thomas COOK
83540	Deed	30 05 1958	John Cook exor for Thomas Cook - Estate	The Director, The Veterans' Land Act
288361	Deed	14 01 1969	The Director, The Veterans' Land Act	John V. LENNOX
288362	Deed	14 01 1969	John V. Lennox	Honey Crescent Building Co. Ltd.
288364	Deed	14 01 1969	Honey Crescent Building Co. Ltd.	Citadel Construction Co. Ltd.
418161	Deed	04 01 1973	Citadel Construction Co. Ltd.	Skyfleet Developments Limited
458815	Deed	30 11 1973	Skyfleet Developments Limited	Western Realty Projects (Ontario) Limited
552977	Deed	14 04 1976	Western Realty Projects (Ontario) Limited	Heritage Glen West Limited

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project #: 11249
Address: 48 Dean Avenue, Barrie
Legal Block 132 Plan 51M672
Description:

PIN #: 58737-1078 (LT)

Searched at: Barrie
LRO #: 51

Page 3

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
150526	Mortgage	28 07 1989	Heritage Glen West Limited	The Royal Bank of Canada (Mortgagee)
LT303299	Deed (Power of Sale)	19 08 1996	The Royal Bank of Canada (Heritage Glen West Limited defaulted in Mtg)	3251586 Canada Inc.
LT449447	Deed (Present Owner)	01 09 2000	3251586 Canada Inc.	The Corporation of The City of Barrie



APPENDIX C

ERIS REPORT



DATABASE REPORT

Project Property: 11249 - 48 Dean Avenue
48 Dean Ave
Barrie ON L4N 0C2

Project No:

Report Type: RSC Report (Urban)

Order No: 23101100099

Requested by: Sola Engineering Inc.

Date Completed: October 16, 2023

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	24
Map.....	45
Aerial.....	46
Topographic Map.....	47
Detail Report.....	48
Unplottable Summary.....	221
Unplottable Report.....	224
Appendix: Database Descriptions.....	258
Definitions.....	268

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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: 11249 - 48 Dean Avenue
48 Dean Ave Barrie ON L4N 0C2

Project No:

Order Information:

Order No: 23101100099
Date Requested: October 11, 2023
Requested by: Sola Engineering Inc.
Report Type: RSC Report (Urban)

Historical/Products:

City Directory Search CD - Subject Site
ERIS Xplorer [ERIS Xplorer](#)
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Topographic Map RSC Maps

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	7	7
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	29	29
EASR	Environmental Activity and Sector Registry	Y	0	2	2
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	21	21
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	14	14
FSTH	Fuel Storage Tank - Historic	Y	0	1	1
GEN	Ontario Regulation 347 Waste Generators Summary	Y	4	41	45
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	5	5

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	2	2
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
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	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	8	8
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	3	3
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	1	1
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	28	28
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	32	32

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
		Total:	4	199	203

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>
1	GEN	City of Barrie City of Barrie	48 Dean Barrie ON L4N 7H7	N/0.0	0.01	48
1	GEN	City of Barrie City of Barrie	48 Dean Barrie ON L4N 7H7	N/0.0	0.01	48
1	GEN	City of Barrie	48 Dean Ave. Barrie ON L4N0C2	N/0.0	0.01	48
1	GEN	City of Barrie City of Barrie	48 Dean Barrie ON L4N 7H7	N/0.0	0.01	49

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>
2	GEN	Dr. Steve Change Dentistry Professional Corporatio	632 Yonge Street Unit C6 Barrie ON L4N4E6	N/43.7	0.03	49
2	GEN	Dr. Steve Change Dentistry Professional Corporatio	632 Yonge Street Unit C6 Barrie ON L4N4E6	N/43.7	0.03	50
2	GEN	Dr. Steve Change Dentistry Professional Corporatio	632 Yonge Street Unit C6 Barrie ON L4N4E6	N/43.7	0.03	50
2	GEN	123Dentist Corporation	632 Yonge Street Unit C6 Barrie ON L4N4E6	N/43.7	0.03	50
2	GEN	123Dentist Corporation	632 Yonge Street Unit C6 Barrie ON L4N4E6	N/43.7	0.03	51
2	GEN	123Dentist Corporation	632 Yonge Street Unit C6 Barrie ON L4N4E6	N/43.7	0.03	51
3	EHS		70 Dean Ave Barrie ON L4N0C2	SE/47.4	2.06	51
4	SPL	Weed Man	17 Raquel St Barrie ON	WSW/110.1	-0.95	52
5	SPL	Enbridge Gas Distribution	90 Dean Avenue Barrie ON	ESE/140.2	5.00	52
5	PINC		90 Dean Avenue, Barrie ON	ESE/140.2	5.00	53
6	SPL	Barrie Hydro Distribution Inc.	37 Dean Ave Barrie ON L4N 0C4	W/142.6	-3.23	54
7	WWIS		lot 13 con 12 ON	ENE/162.2	3.00	54

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 5701461			
<u>8</u>	EHS		641 Yonge Street Barrie ON L4N 4E7	NNE/165.4	0.92	<u>56</u>
<u>9</u>	EHS		651 Yonge Street Barrie ON	NE/170.8	3.00	<u>56</u>
<u>10</u>	WWIS		lot 13 con 12 ON Well ID: 5701468	NE/172.4	3.00	<u>57</u>
<u>11</u>	WWIS		ON Well ID: 5739673	NE/173.8	1.97	<u>60</u>
<u>12</u>	WWIS		lot 13 con 12 ON Well ID: 5701464	ENE/175.6	4.05	<u>63</u>
<u>13</u>	PES	ZEHR'S MARKETS	620 YONGE ST BARRIE ON L4N4E6	WNW/183.7	-3.00	<u>65</u>
<u>13</u>	PES	ZEHR'S MARKETS, A DIVISION OF ZEHRMART INC	620 YONGE ST BARRIE ON L4N 4E6	WNW/183.7	-3.00	<u>66</u>
<u>13</u>	SPL	Loblaw Companies Limited	620 Yonge St Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>66</u>
<u>13</u>	EHS		620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>67</u>
<u>13</u>	SPL	Neelands Refrigeration Limited	620 Yonge St. Barrie ON	WNW/183.7	-3.00	<u>67</u>
<u>13</u>	SPL	Neelands Refrigeration Limited	620 Yonge St. Barrie ON	WNW/183.7	-3.00	<u>68</u>
<u>13</u>	SPL	Loblaws Inc.	620 Yonge Street Barrie ON	WNW/183.7	-3.00	<u>69</u>
<u>13</u>	SPL	Neelands Refrigeration Limited	620 Young St Barrie ON	WNW/183.7	-3.00	<u>69</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>13</u>	SPL	Neelands Refrigeration Limited	620 Yonge St. Barrie ON	WNW/183.7	-3.00	<u>70</u>
<u>13</u>	SPL	Neelands Refrigeration Limited	620 Yonge St Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>71</u>
<u>13</u>	SPL	Neelands Refrigeration Limited	620 Yonge Street; 620 Yonge St Barrie; Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>72</u>
<u>13</u>	SPL		620 Yonge Street Barrie ON	WNW/183.7	-3.00	<u>73</u>
<u>13</u>	GEN	Loblaw Companies Limited	620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>73</u>
<u>13</u>	GEN	Loblaw Companies Limited	620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>74</u>
<u>13</u>	GEN	LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>75</u>
<u>13</u>	PES	ZEHR'S MARKETS	620 YONGE ST BARRIE ON L4N4E6	WNW/183.7	-3.00	<u>76</u>
<u>13</u>	SPL		620 Yonge Street Barrie ON	WNW/183.7	-3.00	<u>77</u>
<u>13</u>	SPL	Loblaw Companies Limited	620 Yonge St Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>77</u>
<u>13</u>	GEN	LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>78</u>
<u>13</u>	SPL	Loblaw Companies Limited	620 Young St Barrie ON	WNW/183.7	-3.00	<u>80</u>
<u>13</u>	GEN	LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>80</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>13</u>	SPL	Loblaw Companies Limited	620 Yonge St Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>82</u>
<u>13</u>	GEN	LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	WNW/183.7	-3.00	<u>83</u>
<u>13</u>	SPL		620 Yonge Street BARRIE ON	WNW/183.7	-3.00	<u>84</u>
<u>14</u>	WWIS		649 YONGE ST. BARRIE ON <i>Well ID: 5739886</i>	NE/186.8	1.97	<u>85</u>
<u>15</u>	WWIS		648 YONGE ST Barrie ON <i>Well ID: 7143472</i>	NE/187.3	1.97	<u>87</u>
<u>16</u>	RST	KELLY K	631 YONGE ST BARRIE ON L4N4E7	N/188.0	1.09	<u>91</u>
<u>17</u>	PRT	TAURUS FUELS INC	647 YONGE ST S BARRIE ON L4N 4E7	NNE/190.4	2.00	<u>91</u>
<u>17</u>	EHS		647 Yonge Street Barrie ON L4N 4E7	NNE/190.4	2.00	<u>91</u>
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE ON P3E 3Z7	NNE/190.4	2.00	<u>91</u>
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE ON	NNE/190.4	2.00	<u>92</u>
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE ON	NNE/190.4	2.00	<u>92</u>
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE ON	NNE/190.4	2.00	<u>93</u>
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	NNE/190.4	2.00	<u>94</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	NNE/190.4	2.00	<u>94</u>
<u>17</u>	DTNK	TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	NNE/190.4	2.00	<u>95</u>
<u>17</u>	FST	TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	NNE/190.4	2.00	<u>95</u>
<u>17</u>	FST	TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	NNE/190.4	2.00	<u>96</u>
<u>17</u>	FST	TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	NNE/190.4	2.00	<u>96</u>
<u>18</u>	WWIS		644 YONGE ST Barrie ON Well ID: 7228528	NNW/192.3	-0.05	<u>97</u>
<u>19</u>	EHS		624 Yonge St Barrie ON L4N 4E6	NNW/197.9	0.08	<u>100</u>
<u>20</u>	WWIS		lot 13 con 12 ON Well ID: 5701460	N/201.3	0.91	<u>101</u>
<u>21</u>	WWIS		lot 13 con 12 ON Well ID: 5701473	ENE/203.4	4.15	<u>103</u>
<u>22</u>	EHS		657 Yonge Street Barrie ON	NE/210.8	4.15	<u>107</u>
<u>23</u>	WWIS		lot 13 con 12 ON Well ID: 5701472	N/211.6	1.69	<u>107</u>
<u>24</u>	PRT	WEBB BROS	623 YONGE ST LOT 13 CON 12 BARRIE ON	NNW/216.7	1.03	<u>110</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>24</u>	PRT	WEBB BROS	623 YONGE ST LOT 13 CON 12 BARRIE ON	NNW/216.7	1.03	<u>110</u>
<u>24</u>	CA		623 Yonge Street Barrie ON L4N 4E7	NNW/216.7	1.03	<u>110</u>
<u>24</u>	FSTH	1480003 ONTARIO LTD PETRO CANADA GAS STN	623 YONGE ST LOT 13 CON 12 BARRIE ON L4N 4E7	NNW/216.7	1.03	<u>111</u>
<u>24</u>	GEN	PETRO CANADA	623 YONGE STREET BARRIE ON L4N 4E7	NNW/216.7	1.03	<u>111</u>
<u>24</u>	DTNK	PETRO CANADA - ASSET MANAGEMENT **	623 YONGE ST BARRIE ON L4N 4E7	NNW/216.7	1.03	<u>112</u>
<u>24</u>	DTNK	1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>112</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>113</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>113</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>114</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>115</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>115</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>116</u>
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>116</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>24</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>117</u>
<u>24</u>	DTNK	1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>118</u>
<u>24</u>	DTNK	1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>118</u>
<u>24</u>	DTNK	1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	NNW/216.7	1.03	<u>119</u>
<u>24</u>	GEN	PETRO CANADA	623 YONGE STREET BARRIE ON L4N 4E7	NNW/216.7	1.03	<u>119</u>
<u>24</u>	SPL	Petro-Canada	623 Yonge St Barrie ON L4N 4E7	NNW/216.7	1.03	<u>120</u>
<u>24</u>	GEN	PETRO CANADA	623 YONGE STREET BARRIE ON L4N 4E7	NNW/216.7	1.03	<u>121</u>
<u>24</u>	GEN	Suncor Energy Products	623 Yonge Street Barrie ON	NNW/216.7	1.03	<u>121</u>
<u>24</u>	GEN	Suncor Energy Products	623 Yonge Street Barrie ON	NNW/216.7	1.03	<u>121</u>
<u>25</u>	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>122</u>
<u>25</u>	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>122</u>
<u>25</u>	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>123</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>123</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>124</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>124</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>125</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>126</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>126</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>127</u>
<u>25</u>	DTNK	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>127</u>
<u>25</u>	SPL	United Petroleum Transport	623 Yonge Street Barrie ON	NNW/216.7	1.03	<u>128</u>
<u>25</u>	SPL	Petro Canada Barrie Gas Retail<UNOFFICIAL>	623 Yonge Street Barrie ON	NNW/216.7	1.03	<u>129</u>
<u>25</u>	INC		623 YONGE STREET, BARRIE ON	NNW/216.7	1.03	<u>130</u>
<u>25</u>	ECA	Petro-Canada Inc.	623 Yonge Street Barrie ON L6L 6N5	NNW/216.7	1.03	<u>130</u>
<u>25</u>	GEN	Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	NNW/216.7	1.03	<u>131</u>
<u>25</u>	GEN	Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	NNW/216.7	1.03	<u>131</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>25</u>	GEN	Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	NNW/216.7	1.03	<u>131</u>
<u>25</u>	GEN	Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	NNW/216.7	1.03	<u>132</u>
<u>25</u>	GEN	Suncor Energy Products Partnership	623 Yonge Street Barrie ON L4N4E7	NNW/216.7	1.03	<u>132</u>
<u>25</u>	INC	SIMSAK CORPORATION	623 YONGE ST,,BARRIE,ON,L4N 4E7,CA ON	NNW/216.7	1.03	<u>133</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>133</u>
<u>25</u>	DTNK		623 YONGE ST BARRIE ON L4N 4E7	NNW/216.7	1.03	<u>134</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>134</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>135</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>135</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>136</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>136</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>137</u>
<u>25</u>	FST	SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	NNW/216.7	1.03	<u>137</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>25</u>	GEN	Suncor Energy Products Partnership	623 Yonge Street Barrie ON L4N4E7	NNW/216.7	1.03	<u>138</u>
<u>25</u>	GEN	Suncor Energy Products Partnership	623 Yonge Street Barrie ON L4N4E7	NNW/216.7	1.03	<u>138</u>
<u>26</u>	EHS		200 Montgomery Drive Barrie ON L4N 4G8	ENE/218.4	4.15	<u>139</u>
<u>27</u>	WWIS		644 YONGE ST Barrie ON Well ID: 7228530	NNW/223.4	0.00	<u>139</u>
<u>28</u>	WWIS		lot 13 con 12 ON Well ID: 5701462	ENE/226.4	5.31	<u>142</u>
<u>29</u>	EHS		649 Yonge Street Barrie ON L4N 4E7	NE/229.7	2.46	<u>145</u>
<u>29</u>	EHS		649 Yonge Street Barrie ON L4N 4E7	NE/229.7	2.46	<u>145</u>
<u>30</u>	PES	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>145</u>
<u>30</u>	PES	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>146</u>
<u>30</u>	PES	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>146</u>
<u>30</u>	PES	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N4E7	NE/231.9	1.89	<u>146</u>
<u>30</u>	GEN	Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>147</u>
<u>30</u>	GEN	Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>147</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>30</u>	GEN	Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>148</u>
<u>30</u>	PES	TRACY WIERSEMA PHARMACY LTD	649 YONGE STREET BARRIE ON L4N 4E7	NE/231.9	1.89	<u>148</u>
<u>30</u>	GEN	Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>148</u>
<u>30</u>	GEN	Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>149</u>
<u>30</u>	GEN	Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	NE/231.9	1.89	<u>149</u>
<u>31</u>	WWIS		lot 13 con 12 ON Well ID: 5705576	NE/232.2	5.00	<u>150</u>
<u>32</u>	WWIS		lot 13 con 12 ON Well ID: 5701474	NE/243.9	4.77	<u>152</u>
<u>33</u>	WWIS		644 YONGE ST Barrie ON Well ID: 7228529	NW/246.5	-0.14	<u>155</u>
<u>34</u>	WWIS		lot 13 con 13 ON Well ID: 5737208	ENE/247.5	5.31	<u>158</u>
<u>35</u>	CA	SHELL CANADA PRODUCTS LTD.	BIG BAY POINT RD./YONGE ST. BARRIE CITY ON	NNW/252.4	0.00	<u>160</u>
<u>35</u>	CA	HERITAGE GLEN NORTH LTD. KINGSWOOD SUBD.	YONGE ST. BIG BAY POINT RD. BARRIE CITY ON	NNW/252.4	0.00	<u>160</u>
<u>35</u>	CA	LANCE GATE DEVELOPMENTS INC.	BIG BAY POINT RD./YONGE ST. BARRIE CITY ON	NNW/252.4	0.00	<u>160</u>
<u>35</u>	CA	SIMCOE COUNTY R.C. SEP. SCH. BOARD	BIG BAY POINT RD/YONGE ST. BARRIE CITY ON	NNW/252.4	0.00	<u>160</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>35</u>	SPL	The Corporation of the City of Barrie	Big Bay Point and Yonge Street<UNOFFICIAL> Barrie ON	NNW/252.4	0.00	<u>161</u>
<u>35</u>	SPL		Yonge Street and Big Bay Point Road<UNOFFICIAL> Barrie ON	NNW/252.4	0.00	<u>162</u>
<u>35</u>	CA	The Corporation of the City of Barrie	Yonge Street and Big Bay Point Road Barrie ON	NNW/252.4	0.00	<u>162</u>
<u>35</u>	EHS		Yonge Street & Big Bay Point Road Barrie ON	NNW/252.4	0.00	<u>163</u>
<u>35</u>	SPL	The Corporation of the City of Barrie	Big Bay Point and Yonge Street (NE Corner) Barrie ON	NNW/252.4	0.00	<u>163</u>
<u>35</u>	SPL		SW corner of Yonge St and Big Bay Point Rd Barrie ON	NNW/252.4	0.00	<u>164</u>
<u>35</u>	SPL		Yonge and Big Bay Point Barrie ON	NNW/252.4	0.00	<u>165</u>
<u>35</u>	ECA	The Corporation of the City of Barrie	Yonge Street and Big Bay Point Road Barrie ON L4M 4Z2	NNW/252.4	0.00	<u>165</u>
<u>35</u>	SPL	The Corporation of the City of Barrie	SE Corner of Yonge St and Big Bay Point Rd Barrie ON	NNW/252.4	0.00	<u>166</u>
<u>36</u>	WWIS		lot 13 con 12 ON Well ID: 5701471	NNE/252.8	2.00	<u>166</u>
<u>37</u>	WWIS		lot 13 con 12 ON Well ID: 7409333	ENE/254.5	6.03	<u>169</u>
<u>38</u>	WWIS		lot 13 con 12 ON Well ID: 5711645	NE/256.7	4.77	<u>170</u>
<u>38</u>	WWIS		lot 13 con 12 ON	NE/256.7	4.77	<u>174</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 5717858			
39	WWIS		lot 14 con 12 ON Well ID: 5701480	ENE/256.8	6.00	178
40	WWIS		ON Well ID: 7206076	N/258.1	2.32	181
41	WWIS		623 YONGE ST Barrie ON Well ID: 7187848	NW/261.5	-0.14	183
42	EHS		3-21-0174-41 Barrie ON L4N 4E8	ENE/262.7	6.00	186
42	EHS		3-21-0174-41 Barrie ON L4N 4E8	ENE/262.7	6.00	186
43	WWIS		623 YONGE ST Barrie ON Well ID: 7187965	NNW/265.9	1.10	186
44	WWIS		623 YONGE ST Barrie ON Well ID: 7187964	NNW/267.1	0.00	189
45	GEN	Conseil scolaire Viamonde	70 Madelaine Drive Barrie ON L4N 9T2	SE/276.1	6.08	193
45	GEN	Conseil scolaire Viamonde	70 Madelaine Drive Barrie ON L4N 9T2	SE/276.1	6.08	193
45	GEN	Conseil scolaire Viamonde	70 Madelaine Dr. Barrie ON L4N 9T2	SE/276.1	6.08	194
45	GEN	Conseil scolaire Viamonde	70 Madelaine Dr. Barrie ON L4N 9T2	SE/276.1	6.08	194
45	PINC	ENBRIDGE GAS INC	70 MADELAINE DR.,,BARRIE,ON,L4N 9T2, CA ON	SE/276.1	6.08	195
45	GEN	Conseil scolaire Viamonde	70 Madelaine Dr. Barrie ON L4N 9T2	SE/276.1	6.08	195

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>45</u>	SPL		70 Madelaine Drive, Barrie BARRIE ON	SE/276.1	6.08	<u>196</u>
<u>46</u>	EHS		521, 527 and 531 Big Bay Point Road Barrie ON L4N 3Z6	NNE/279.9	2.31	<u>197</u>
<u>46</u>	EHS		521, 527 and 531 Big Bay Point Road Barrie ON L4N 3Z6	NNE/279.9	2.31	<u>197</u>
<u>47</u>	WWIS		lot 13 con 12 ON Well ID: 5705586	NE/281.5	4.79	<u>197</u>
<u>48</u>	HINC		510 BIG BAY POINT ROAD BARRIE ON	N/282.1	2.98	<u>200</u>
<u>49</u>	EHS		527 Big Bay Point Rd Barrie ON L4N3Z6	NNE/282.4	2.31	<u>200</u>
<u>50</u>	WWIS		ON Well ID: 7303532	N/284.3	2.95	<u>200</u>
<u>51</u>	WWIS		lot 12 con 12 ON Well ID: 5705825	NW/291.1	-1.89	<u>201</u>
<u>52</u>	WWIS		lot 13 con 12 ON Well ID: 5701463	E/292.9	6.91	<u>204</u>
<u>53</u>	WWIS		ON Well ID: 7206074	N/294.1	2.98	<u>206</u>
<u>53</u>	WWIS		lot 13 con 13 ON Well ID: 7206079	N/294.1	2.98	<u>209</u>
<u>54</u>	HINC		531 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	NNE/295.2	2.25	<u>211</u>
<u>55</u>	CA	Big Bay Point Road/Lovers Creek	440-484 Big Bay Point Rd. Barrie ON L4N 3Z4	NW/295.6	-0.97	<u>211</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>55</u>	ECA	The Corporation of the City of Barrie	440-484 Big Bay Point Rd. Barrie ON L4M 4T5	NW/295.6	-0.97	<u>211</u>
<u>56</u>	GEN	600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	NW/295.6	-0.97	<u>212</u>
<u>56</u>	GEN	600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	NW/295.6	-0.97	<u>212</u>
<u>56</u>	GEN	600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	NW/295.6	-0.97	<u>212</u>
<u>56</u>	GEN	600 Yonge Developments Inc.	600 Yonge Street Barrie ON L4N4E4	NW/295.6	-0.97	<u>213</u>
<u>56</u>	GEN	600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	NW/295.6	-0.97	<u>213</u>
<u>56</u>	GEN	600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	NW/295.6	-0.97	<u>213</u>
<u>57</u>	HINC		533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	NE/297.9	3.31	<u>214</u>
<u>57</u>	HINC		533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	NE/297.9	3.31	<u>214</u>
<u>58</u>	EHS		494 Big Bay Point Rd Barrie ON L4N3Z5	NNW/298.3	0.31	<u>215</u>
<u>58</u>	SPL		494 Big Bay Point Road in Barrie Barrie ON	NNW/298.3	0.31	<u>215</u>
<u>58</u>	EHS		494 Big Bay Point Road Barrie ON L4N 4E5	NNW/298.3	0.31	<u>216</u>
<u>58</u>	EHS		494 Big Bay Point Road Barrie ON L4N 4E5	NNW/298.3	0.31	<u>216</u>

<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>58</u>	EHS		494 Big Bay Point Road Barrie ON L4N 4E5	NNW/298.3	0.31	<u>216</u>
<u>58</u>	EHS		494 Big Bay Point Road Barrie ON L4N 4E5	NNW/298.3	0.31	<u>216</u>
<u>59</u>	EASR	QUEENSGATE HOMES (BARRIE) INC.	681 Yonge ST Barrie ON L4N 4E8	ENE/298.6	7.00	<u>217</u>
<u>59</u>	EASR	QUEENSGATE HOMES (BARRIE) INC.	681 Yonge ST Barrie ON L4N 4E8	ENE/298.6	7.00	<u>217</u>
<u>60</u>	WWIS		lot 13 con 13 ON Well ID: 7309892	N/298.7	2.95	<u>217</u>
<u>61</u>	HINC		516 BIG BAY POINT ROAD BARRIE ON L4N 3Z5	N/299.6	2.94	<u>220</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 7 CA 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>
	623 Yonge Street Barrie ON L4N 4E7	216.7	<u>24</u>
SHELL CANADA PRODUCTS LTD.	BIG BAY POINT RD./YONGE ST. BARRIE CITY ON	252.4	<u>35</u>
HERITAGE GLEN NORTH LTD. KINGSWOOD SUBD.	YONGE ST. BIG BAY POINT RD. BARRIE CITY ON	252.4	<u>35</u>
SIMCOE COUNTY R.C. SEP. SCH. BOARD	BIG BAY POINT RD/YONGE ST. BARRIE CITY ON	252.4	<u>35</u>
The Corporation of the City of Barrie	Yonge Street and Big Bay Point Road Barrie ON	252.4	<u>35</u>
LANCE GATE DEVELOPMENTS INC.	BIG BAY POINT RD./YONGE ST. BARRIE CITY ON	252.4	<u>35</u>
Big Bay Point Road/Lovers Creek	440-484 Big Bay Point Rd. Barrie ON L4N 3Z4	295.6	<u>55</u>

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 29 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>
TAURUS FUELS INC	647 YONGE ST S BARRIE ON P3E 3Z7	190.4	<u>17</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TAURUS FUELS INC	647 YONGE ST S BARRIE ON	190.4	<u>17</u>
TAURUS FUELS INC	647 YONGE ST S BARRIE ON	190.4	<u>17</u>
TAURUS FUELS INC	647 YONGE ST S BARRIE ON	190.4	<u>17</u>
TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	190.4	<u>17</u>
TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	190.4	<u>17</u>
TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	190.4	<u>17</u>
PETRO CANADA - ASSET MANAGEMENT **	623 YONGE ST BARRIE ON L4N 4E7	216.7	<u>24</u>
1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE ON	216.7	<u>24</u>
1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	216.7	<u>24</u>
1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	216.7	<u>24</u>
1255545 ONTARIO LTD	623 YONGE ST BARRIE ON	216.7	<u>24</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
	623 YONGE ST BARRIE ON L4N 4E7	216.7	25

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Aug 31, 2023 has found that there are 2 EASR 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>
QUEENSGATE HOMES (BARRIE) INC.	681 Yonge ST Barrie ON L4N 4E8	298.6	59
QUEENSGATE HOMES (BARRIE) INC.	681 Yonge ST Barrie ON L4N 4E8	298.6	59

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Aug 31, 2023 has found that there are 3 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>
Petro-Canada Inc.	623 Yonge Street Barrie ON L6L 6N5	216.7	25

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the City of Barrie	Yonge Street and Big Bay Point Road Barrie ON L4M 4Z2	252.4	<u>35</u>
The Corporation of the City of Barrie	440-484 Big Bay Point Rd. Barrie ON L4M 4T5	295.6	<u>55</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2023 has found that there are 21 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>
	70 Dean Ave Barrie ON L4N0C2	47.4	<u>3</u>
	641 Yonge Street Barrie ON L4N 4E7	165.4	<u>8</u>
	651 Yonge Street Barrie ON	170.8	<u>9</u>
	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>
	647 Yonge Street Barrie ON L4N 4E7	190.4	<u>17</u>
	624 Yonge St Barrie ON L4N 4E6	197.9	<u>19</u>
	657 Yonge Street Barrie ON	210.8	<u>22</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	200 Montgomery Drive Barrie ON L4N 4G8	218.4	<u>26</u>
	649 Yonge Street Barrie ON L4N 4E7	229.7	<u>29</u>
	649 Yonge Street Barrie ON L4N 4E7	229.7	<u>29</u>
	Yonge Street & Big Bay Point Road Barrie ON	252.4	<u>35</u>
	3-21-0174-41 Barrie ON L4N 4E8	262.7	<u>42</u>
	3-21-0174-41 Barrie ON L4N 4E8	262.7	<u>42</u>
	521, 527 and 531 Big Bay Point Road Barrie ON L4N 3Z6	279.9	<u>46</u>
	521, 527 and 531 Big Bay Point Road Barrie ON L4N 3Z6	279.9	<u>46</u>
	527 Big Bay Point Rd Barrie ON L4N3Z6	282.4	<u>49</u>
	494 Big Bay Point Rd Barrie ON L4N3Z5	298.3	<u>58</u>
	494 Big Bay Point Road Barrie ON L4N 4E5	298.3	<u>58</u>
	494 Big Bay Point Road Barrie ON L4N 4E5	298.3	<u>58</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	494 Big Bay Point Road Barrie ON L4N 4E5	298.3	58
	494 Big Bay Point Road Barrie ON L4N 4E5	298.3	58

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 14 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>
TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	190.4	17
TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	190.4	17
TAURUS FUELS INC	647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	190.4	17
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
SUNCOR ENERGY PRODUCTS PARTNERSHIP	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
SUNCOR ENERGY PRODUCTS PARTNERSHIP	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25
SUNCOR ENERGY PRODUCTS PARTNERSHIP	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	25

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>
SIMSAK CORPORATION	623 YONGE ST BARRIE L4N 4E7 ON CA ON	216.7	<u>25</u>

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 1 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>
1480003 ONTARIO LTD PETRO CANADA GAS STN	623 YONGE ST LOT 13 CON 12 BARRIE ON L4N 4E7	216.7	<u>24</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 45 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>
City of Barrie City of Barrie	48 Dean Barrie ON L4N 7H7	0.0	<u>1</u>
City of Barrie	48 Dean Ave. Barrie ON L4N0C2	0.0	<u>1</u>
City of Barrie City of Barrie	48 Dean Barrie ON L4N 7H7	0.0	<u>1</u>
City of Barrie City of Barrie	48 Dean Barrie ON L4N 7H7	0.0	<u>1</u>
Dr. Steve Change Dentistry Professional Corporatio	632 Yonge Street Unit C6 Barrie ON L4N4E6	43.7	<u>2</u>
Dr. Steve Change Dentistry Professional Corporatio	632 Yonge Street Unit C6 Barrie ON L4N4E6	43.7	<u>2</u>
Dr. Steve Change Dentistry Professional Corporatio	632 Yonge Street Unit C6 Barrie ON L4N4E6	43.7	<u>2</u>
123Dentist Corporation	632 Yonge Street Unit C6 Barrie ON L4N4E6	43.7	<u>2</u>
123Dentist Corporation	632 Yonge Street Unit C6 Barrie ON L4N4E6	43.7	<u>2</u>
123Dentist Corporation	632 Yonge Street Unit C6 Barrie ON L4N4E6	43.7	<u>2</u>
Loblaw Companies Limited	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>
Loblaw Companies Limited	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>
LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>
LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>
LOBLAWS INC.	620 Yonge St. Barrie ON L4N 4E6	183.7	<u>13</u>
PETRO CANADA	623 YONGE STREET BARRIE ON L4N 4E7	216.7	<u>24</u>
PETRO CANADA	623 YONGE STREET BARRIE ON L4N 4E7	216.7	<u>24</u>
PETRO CANADA	623 YONGE STREET BARRIE ON L4N 4E7	216.7	<u>24</u>
Suncor Energy Products	623 Yonge Street Barrie ON	216.7	<u>24</u>
Suncor Energy Products	623 Yonge Street Barrie ON	216.7	<u>24</u>
Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	216.7	<u>25</u>
Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	216.7	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	216.7	<u>25</u>
Suncor Energy Products	623 Yonge Street Barrie ON L4N4E4	216.7	<u>25</u>
Suncor Energy Products Partnership	623 Yonge Street Barrie ON L4N4E7	216.7	<u>25</u>
Suncor Energy Products Partnership	623 Yonge Street Barrie ON L4N4E7	216.7	<u>25</u>
Suncor Energy Products Partnership	623 Yonge Street Barrie ON L4N4E7	216.7	<u>25</u>
Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
Tracy Wiersema Pharmacy Ltd.	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
Conseil scolaire Viamonde	70 Madelaine Dr. Barrie ON L4N 9T2	276.1	<u>45</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Conseil scolaire Viamonde	70 Madelaine Drive Barrie ON L4N 9T2	276.1	<u>45</u>
Conseil scolaire Viamonde	70 Madelaine Drive Barrie ON L4N 9T2	276.1	<u>45</u>
Conseil scolaire Viamonde	70 Madelaine Dr. Barrie ON L4N 9T2	276.1	<u>45</u>
Conseil scolaire Viamonde	70 Madelaine Dr. Barrie ON L4N 9T2	276.1	<u>45</u>
600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	295.6	<u>56</u>
600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	295.6	<u>56</u>
600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	295.6	<u>56</u>
600 Yonge Developments Inc.	600 Yonge Street Barrie ON L4N4E4	295.6	<u>56</u>
600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	295.6	<u>56</u>
600 Yonge Developments, Inc.	600 Yonge Street Barrie ON L4N4E4	295.6	<u>56</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 5 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>
	510 BIG BAY POINT ROAD BARRIE ON	282.1	<u>48</u>
	531 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	295.2	<u>54</u>
	533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	297.9	<u>57</u>
	533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	297.9	<u>57</u>
	516 BIG BAY POINT ROAD BARRIE ON L4N 3Z5	299.6	<u>61</u>

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 2 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>
SIMSAK CORPORATION	623 YONGE ST.,,BARRIE,ON,L4N 4E7,CA ON	216.7	<u>25</u>
	623 YONGE STREET, BARRIE ON	216.7	<u>25</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Aug 31, 2023 has found that there are 8 PES 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>
ZEHR'S MARKETS, A DIVISION OF ZEHRMART INC	620 YONGE ST BARRIE ON L4N 4E6	183.7	<u>13</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ZEHR'S MARKETS	620 YONGE ST BARRIE ON L4N4E6	183.7	<u>13</u>
ZEHR'S MARKETS	620 YONGE ST BARRIE ON L4N4E6	183.7	<u>13</u>
SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N4E7	231.9	<u>30</u>
SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>
TRACY WIERSEMA PHARMACY LTD	649 YONGE STREET BARRIE ON L4N 4E7	231.9	<u>30</u>
SHOPPERS DRUG MART #1210 (YONGE & BIG BAY)	649 YONGE ST BARRIE ON L4N 4E7	231.9	<u>30</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 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>
	90 Dean Avenue, Barrie ON	140.2	<u>5</u>
ENBRIDGE GAS INC	70 MADELAINE DR., BARRIE, ON, L4N 9T2, CA ON	276.1	<u>45</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 3 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>
TAURUS FUELS INC	647 YONGE ST S BARRIE ON L4N 4E7	190.4	<u>17</u>
WEBB BROS	623 YONGE ST LOT 13 CON 12 BARRIE ON	216.7	<u>24</u>
WEBB BROS	623 YONGE ST LOT 13 CON 12 BARRIE ON	216.7	<u>24</u>

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Feb 28, 2023 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>
KELLY K	631 YONGE ST BARRIE ON L4N4E7	188.0	<u>16</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Oct 2021; see description has found that there are 28 SPL 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>
Weed Man	17 Raquel St Barrie ON	110.1	<u>4</u>
Enbridge Gas Distribution	90 Dean Avenue Barrie ON	140.2	<u>5</u>
Barrie Hydro Distribution Inc.	37 Dean Ave Barrie ON L4N 0C4	142.6	<u>6</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Loblaw Companies Limited	620 Yonge St Barrie ON L4N 4E6	183.7	<u>13</u>
Neelands Refrigeration Limited	620 Yonge St. Barrie ON	183.7	<u>13</u>
Neelands Refrigeration Limited	620 Yonge St. Barrie ON	183.7	<u>13</u>
Loblaws Inc.	620 Yonge Street Barrie ON	183.7	<u>13</u>
Neelands Refrigeration Limited	620 Young St Barrie ON	183.7	<u>13</u>
Neelands Refrigeration Limited	620 Yonge St. Barrie ON	183.7	<u>13</u>
Neelands Refrigeration Limited	620 Yonge St Barrie ON L4N 4E6	183.7	<u>13</u>
Neelands Refrigeration Limited	620 Yonge Street; 620 Yonge St Barrie; Barrie ON L4N 4E6	183.7	<u>13</u>
	620 Yonge Street Barrie ON	183.7	<u>13</u>
	620 Yonge Street Barrie ON	183.7	<u>13</u>
Loblaw Companies Limited	620 Yonge St Barrie ON L4N 4E6	183.7	<u>13</u>
Loblaw Companies Limited	620 Young St Barrie ON	183.7	<u>13</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Loblaw Companies Limited	620 Yonge St Barrie ON L4N 4E6	183.7	<u>13</u>
	620 Yonge Street BARRIE ON	183.7	<u>13</u>
Petro-Canada	623 Yonge St Barrie ON L4N 4E7	216.7	<u>24</u>
United Petroleum Transport	623 Yonge Street Barrie ON	216.7	<u>25</u>
Petro Canada Barrie Gas Retail<UNOFFICIAL>	623 Yonge Street Barrie ON	216.7	<u>25</u>
The Corporation of the City of Barrie	Big Bay Point and Yonge Street<UNOFFICIAL> Barrie ON	252.4	<u>35</u>
	Yonge Street and Big Bay Point Road<UNOFFICIAL> Barrie ON	252.4	<u>35</u>
The Corporation of the City of Barrie	Big Bay Point and Yonge Street (NE Corner) Barrie ON	252.4	<u>35</u>
	SW corner of Yonge St and Big Bay Point Rd Barrie ON	252.4	<u>35</u>
	Yonge and Big Bay Point Barrie ON	252.4	<u>35</u>
The Corporation of the City of Barrie	SE Corner of Yonge St and Big Bay Point Rd Barrie ON	252.4	<u>35</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	70 Madelaine Drive, Barrie BARRIE ON	276.1	<u>45</u>
	494 Big Bay Point Road in Barrie Barrie ON	298.3	<u>58</u>

WWIS - Water Well Information System

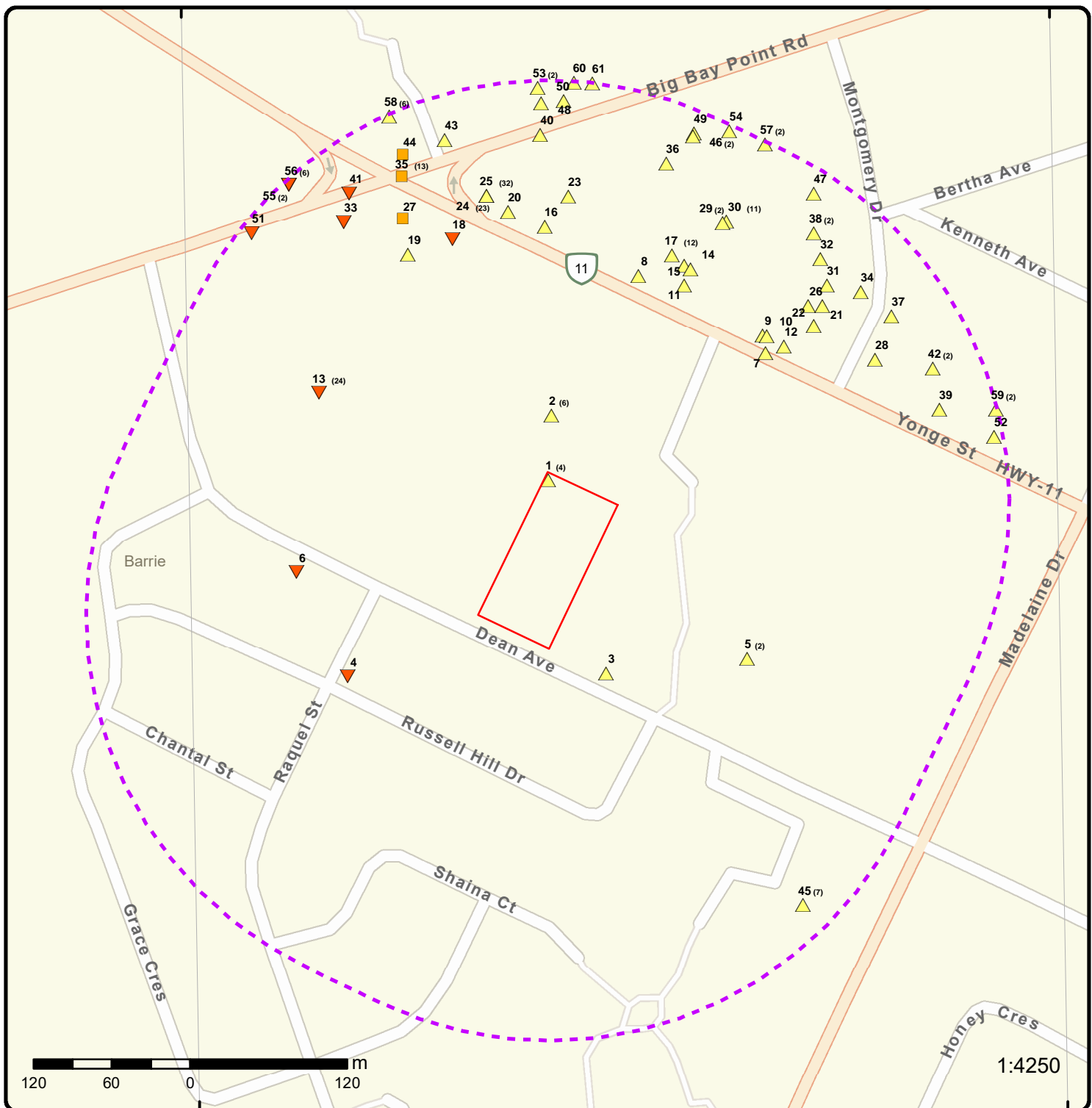
A search of the WWIS database, dated Mar 31 2023 has found that there are 32 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 12 ON <i>Well ID: 5701461</i>	162.2	<u>7</u>
	lot 13 con 12 ON <i>Well ID: 5701468</i>	172.4	<u>10</u>
	ON <i>Well ID: 5739673</i>	173.8	<u>11</u>
	lot 13 con 12 ON <i>Well ID: 5701464</i>	175.6	<u>12</u>
	649 YONGE ST. BARRIE ON <i>Well ID: 5739886</i>	186.8	<u>14</u>
	648 YONGE ST Barrie ON <i>Well ID: 7143472</i>	187.3	<u>15</u>
	644 YONGE ST Barrie ON <i>Well ID: 7228528</i>	192.3	<u>18</u>
	lot 13 con 12 ON	201.3	<u>20</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 5701460		
	lot 13 con 12 ON	203.4	<u>21</u>
	Well ID: 5701473		
	lot 13 con 12 ON	211.6	<u>23</u>
	Well ID: 5701472		
	644 YONGE ST Barrie ON	223.4	<u>27</u>
	Well ID: 7228530		
	lot 13 con 12 ON	226.4	<u>28</u>
	Well ID: 5701462		
	lot 13 con 12 ON	232.2	<u>31</u>
	Well ID: 5705576		
	lot 13 con 12 ON	243.9	<u>32</u>
	Well ID: 5701474		
	644 YONGE ST Barrie ON	246.5	<u>33</u>
	Well ID: 7228529		
	lot 13 con 13 ON	247.5	<u>34</u>
	Well ID: 5737208		
	lot 13 con 12 ON	252.8	<u>36</u>
	Well ID: 5701471		
	lot 13 con 12 ON	254.5	<u>37</u>
	Well ID: 7409333		
	lot 13 con 12 ON	256.7	<u>38</u>
	Well ID: 5711645		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 12 ON <i>Well ID: 5717858</i>	256.7	<u>38</u>
	lot 14 con 12 ON <i>Well ID: 5701480</i>	256.8	<u>39</u>
	ON <i>Well ID: 7206076</i>	258.1	<u>40</u>
	623 YONGE ST Barrie ON <i>Well ID: 7187848</i>	261.5	<u>41</u>
	623 YONGE ST Barrie ON <i>Well ID: 7187965</i>	265.9	<u>43</u>
	623 YONGE ST Barrie ON <i>Well ID: 7187964</i>	267.1	<u>44</u>
	lot 13 con 12 ON <i>Well ID: 5705586</i>	281.5	<u>47</u>
	ON <i>Well ID: 7303532</i>	284.3	<u>50</u>
	lot 12 con 12 ON <i>Well ID: 5705825</i>	291.1	<u>51</u>
	lot 13 con 12 ON <i>Well ID: 5701463</i>	292.9	<u>52</u>
	lot 13 con 13 ON <i>Well ID: 7206079</i>	294.1	<u>53</u>
	ON	294.1	<u>53</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7206074		
	lot 13 con 13 ON	298.7	60
	<i>Well ID:</i> 7309892		



Map: 0.3 Kilometer Radius

Order Number: 23101100099

Address: 48 Dean Ave, Barrie, ON

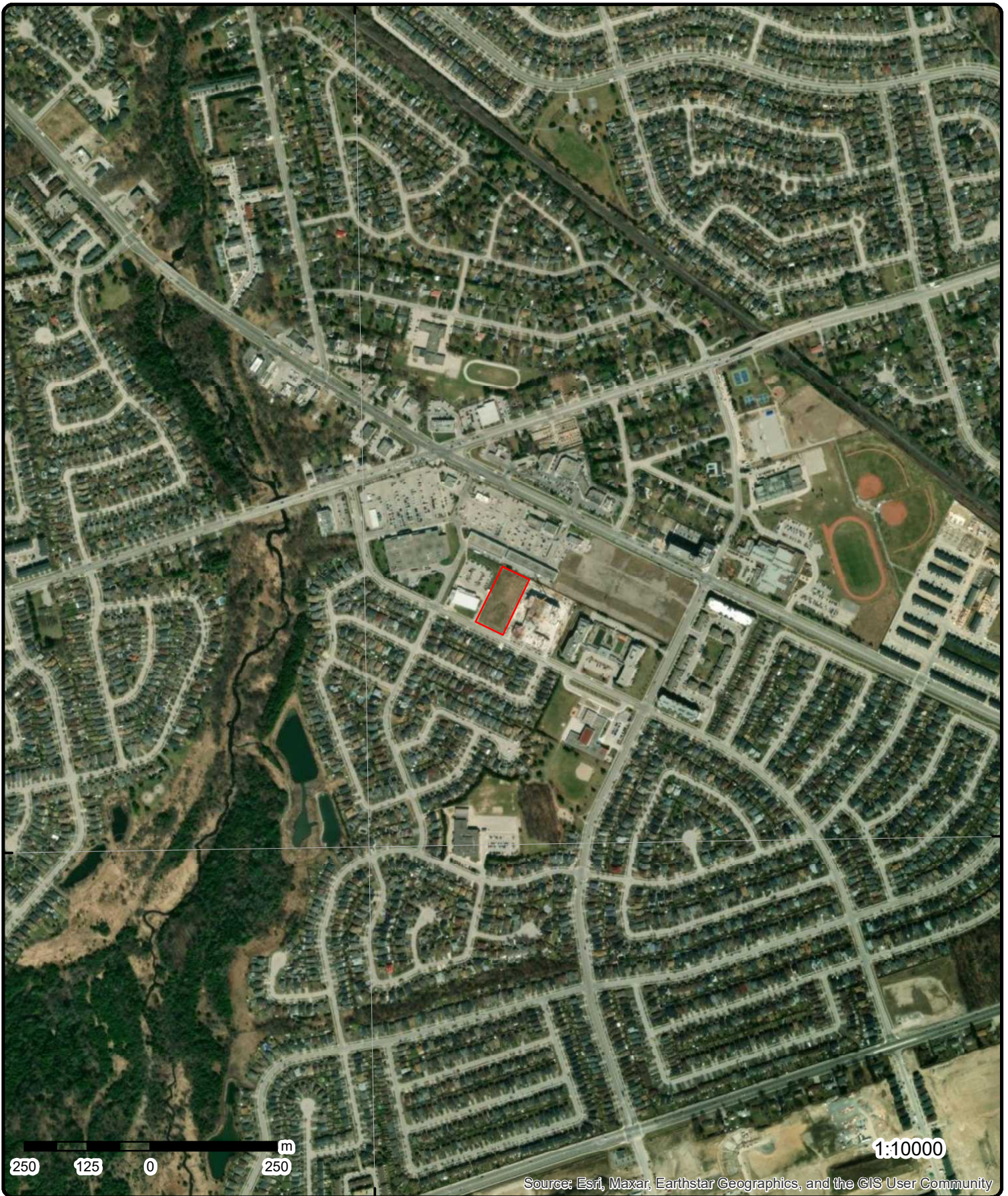


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	
		Hospital	

79°39'W

44°21'N

44°21'N



Aerial

Year: 2023

Order Number: 23101100099

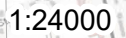
Address: 48 Dean Ave, Barrie, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

79°37'30"W



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 4	N/0.0	249.9 / 0.01	City of Barrie City of Barrie 48 Dean Barrie ON L4N 7H7	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4817657			
Detail(s)					
Waste Class:		251 H			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
1	2 of 4	N/0.0	249.9 / 0.01	City of Barrie City of Barrie 48 Dean Barrie ON L4N 7H7	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4817657			
Detail(s)					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
Waste Class:		251 H			
Waste Class Name:		Waste oils/sludges (petroleum based)			
1	3 of 4	N/0.0	249.9 / 0.01	City of Barrie 48 Dean Ave.	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Barrie ON L4N0C2					
Generator No:		ON9467214			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<hr/>					
<u>1</u>	4 of 4	N/0.0	249.9 / 0.01	City of Barrie City of Barrie 48 Dean Barrie ON L4N 7H7	GEN
Generator No:		ON4817657			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<hr/>					
<u>2</u>	1 of 6	N/43.7	249.9 / 0.03	Dr. Steve Change Dentistry Professional Corporatio 632 Yonge Street Unit C6 Barrie ON L4N4E6	GEN
Generator No:		ON7999423			
SIC Code:		621210			
SIC Description:		OFFICES OF DENTISTS			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:					
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		312 PATHOLOGICAL WASTES			
2	2 of 6	N/43.7	249.9 / 0.03	Dr. Steve Change Dentistry Professional Corporatio 632 Yonge Street Unit C6 Barrie ON L4N4E6	GEN
Generator No:		ON7999423			
SIC Code:		621210			
SIC Description:		OFFICES OF DENTISTS			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Dale Gallant			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		705-719-7645 Ext.			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
2	3 of 6	N/43.7	249.9 / 0.03	Dr. Steve Change Dentistry Professional Corporatio 632 Yonge Street Unit C6 Barrie ON L4N4E6	GEN
Generator No:		ON7999423			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
2	4 of 6	N/43.7	249.9 / 0.03	123Dentist Corporation 632 Yonge Street Unit C6 Barrie ON L4N4E6	GEN
Generator No:		ON7999423			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 P Pathological wastes			
2	5 of 6	N/43.7	249.9 / 0.03	123Dentist Corporation 632 Yonge Street Unit C6 Barrie ON L4N4E6	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON7999423 As of Nov 2021 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 P Pathological wastes			
2	6 of 6	N/43.7	249.9 / 0.03	123Dentist Corporation 632 Yonge Street Unit C6 Barrie ON L4N4E6	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON7999423 As of Oct 2022 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 P PATHOLOGICAL WASTES			
3	1 of 1	SE/47.4	251.9 / 2.06	70 Dean Ave Barrie ON L4N0C2	EHS
Order No: Status: Report Type: Report Date:		20130726010 C Standard Select Report 06-AUG-13		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	
				City of Barrie ON .25	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Received:	26-JUL-13			X:	-79.64605
Previous Site Name:	unknown			Y:	44.353571
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos				

4	1 of 1	WSW/110.1	248.9 / -0.95	Weed Man 17 Raquel St Barrie ON	SPL
Ref No:	0182-AZ8P93			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	2018/05/29			Discharger Report:	
MOE Response:	No			Material Group:	
Dt MOE Arvl on Scn:				Health/Env Conseq:	2 - Minor Environment
MOE Reported Dt:	2018/05/29			Agency Involved:	
Dt Document Closed:	2018/06/12				
Site No:	NA				
Site County/District:	County of Simcoe				
Site Geo Ref Meth:					
Site District Office:	Barrie				
Nearest Watercourse:					
Site Name:	Roadway<UNOFFICIAL>				
Site Address:	17 Raquel St				
Site Region:	Central				
Site Municipality:	Barrie				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:	4912029.95				
Easting:	607720.77				
Incident Cause:					
Incident Event:	Leak/Break				
Environment Impact:					
Nature of Impact:					
Contaminant Qty:	10 L				
System Facility Address:					
Client Name:	Weed Man				
Client Type:	Corporation				
Call Report Location Geodata:					
Contaminant Code:	25				
Contaminant Name:	HERBICIDE (N.O.S.)				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:	n/a				
Receiving Medium:					
Receiving Environment:	Land				
Incident Reason:	Equipment Failure				
Incident Summary:	Weed Man: 5-10L of Fiesta Herbicide to Roadway, Cleaned				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Unknown / N/A				
SAC Action Class:	Land Spills				
Source Type:	Truck - Spreading				

5	1 of 2	ESE/140.2	254.9 / 5.00	Enbridge Gas Distribution 90 Dean Avenue Barrie ON	SPL
Ref No:	8327-8NFPSA			Municipality No:	
Year:				Nature of Damage:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Dt: 11/9/2011 MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 11/9/2011 Dt Document Closed: 11/18/2011 Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Line<UNOFFICIAL> Site Address: 90 Dean Avenue Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Pipe Or Hose Leak Incident Event: Environment Impact: Confirmed Nature of Impact: Air Pollution Contaminant Qty: 0 ppm System Facility Address: Client Name: Enbridge Gas Distribution Client Type: Call Report Location Geodata: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Equipment Failure Incident Summary: Dean Ave - service damage Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Pipeline SAC Action Class: TSSA - Fuel Safety Branch Source Type:					
Discharger Report: Material Group: Health/Env Conseq: Agency Involved:					

5	2 of 2	ESE/140.2	254.9 / 5.00	90 Dean Avenue, Barrie ON	PINC
Incident Id: 2841732 Incident No: 684854 Incident Reported Dt: Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Tank Status: RC Established Task No: 3535590 Spills Action Centre: 8327-8NFPSA Fuel Type: Natural Gas Fuel Occurrence Tp: Pipeline Strike Date of Occurrence: 11/9/2011 0:00 Occurrence Start Dt: 2012/01/24 Depth: Customer Acct Name: Incident Address: Operation Type: Multi-unit Residential					
Pipe Material: Fuel Category: Natural Gas Health Impact: No Environment Impact: No Property Damage: No Service Interrupt: Yes Enforce Policy: Yes Public Relation: No Pipeline System: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipeline Type: Regulator Type: Summary: 90 Dean Avenue, Barrie - 1" Pipeline Hit Reported By: Brian Koruna - Enbridge Gas Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Occurrence Desc: Locator Error-1-1/4" PE IP gas main damaged Damage Reason: Facility was not located or marked Notes:					
<u>6</u>	1 of 1	W/142.6	246.6 / -3.23	Barrie Hydro Distribution Inc. 37 Dean Ave Barrie ON L4N 0C4	SPL
Ref No: 3364-7QYMAE Year: Incident Dt: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 4/10/2009 Dt Document Closed: Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Pad Mounted Transformer<UNOFFICIAL> Site Address: Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Unknown Incident Event: Environment Impact: Not Anticipated Nature of Impact: Other Impact(s) Contaminant Qty: 20 L System Facility Address: Client Name: Barrie Hydro Distribution Inc. Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: MINERAL OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Spill Incident Summary: Barrie Hydro-20L Non-PCB trans oil to vault, cln, cntd Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Transformer SAC Action Class: Land Spills Source Type:					
<u>7</u>	1 of 1	ENE/162.2	252.9 / 3.00	lot 13 con 12 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5701461			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Unfinished			Date Received:	12/07/1959
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1510
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701461.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/02/1958			
Year Completed:		1958			
Depth (m):		4.572			
Latitude:		44.3557597878068			
Longitude:		-79.6444670633953			
Path:		570\5701461.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379354		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608027.40
Code OB Desc:				North83:	4912281.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		10/02/1958		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261194			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3: Mat3 Desc: Formation Top Depth: 0.0 Formation End Depth: 15.0 Formation End Depth UOM: ft					
<u>Method of Construction & Well Use</u> Method Construction ID: 965701461 Method Construction Code: 8 Method Construction: Jetting Other Method Construction:					
<u>Pipe Information</u> Pipe ID: 10927924 Casing No: 1 Comment: Alt Name:					
<u>Construction Record - Casing</u> Casing ID: 930627210 Layer: 1 Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: 2.0 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Links</u> Bore Hole ID: 10379354 Depth M: 4.572 Year Completed: 1958 Well Completed Dt: 10/02/1958 Audit No: Path: 570\5701461.pdf Tag No: Contractor: 1510 Latitude: 44.3557597878068 Longitude: -79.6444670633953 Y: 44.35575978661845 X: -79.64446691019404					
8	1 of 1	NNE/165.4	250.8 / 0.92	641 Yonge Street Barrie ON L4N 4E7	EHS
Order No: 20020614007w Status: C Report Type: Online Mapless Report Report Date: 6/14/02 Date Received: 6/14/02 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: 0 Y: 0					
9	1 of 1	NE/170.8	252.9 / 3.00	651 Yonge Street Barrie ON	EHS
Order No: 20020614009w Status: C Report Type: Online Mapless Report Nearest Intersection: Municipality: Client Prov/State: ON					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date:	6/14/02			Search Radius (km):	0.25
Date Received:	6/14/02			X:	0
Previous Site Name:				Y:	0
Lot/Building Size:					
Additional Info Ordered:					

10	1 of 1	NE/172.4	252.9 / 3.00	lot 13 con 12 ON	WWIS
Well ID:	5701468			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/26/1962
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701468.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/06/1962
Year Completed: 1962
Depth (m): 15.8496
Latitude: 44.3558766444081
Longitude: -79.6444518209776
Path: 570\5701468.pdf

Bore Hole Information

Bore Hole ID:	10379361	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	608028.40
Code OB Desc:		North83:	4912294.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	09/06/1962	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			932261212		
Layer:			4		
Color:					
General Color:					
Mat1:			10		
Most Common Material:			COARSE SAND		
Mat2:			11		
Mat2 Desc:			GRAVEL		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			51.0		
Formation End Depth:			52.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932261209		
Layer:			1		
Color:					
General Color:					
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			1.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932261210		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			1.0		
Formation End Depth:			21.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932261211		
Layer:			3		
Color:			3		
General Color:			BLUE		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:					
Mat3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		21.0			
Formation End Depth:		51.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701468			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927931			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627217			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		52.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701468			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		48.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
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:		No			
<u>Water Details</u>					
Water ID:		933860824			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52.0			
Water Found Depth UOM:		ft			
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10379361			Tag No:	
Depth M:	15.8496			Contractor:	2514
Year Completed:	1962			Latitude:	44.3558766444081
Well Completed Dt:	09/06/1962			Longitude:	-79.6444518209776
Audit No:				Y:	44.35587664263168
Path:	570\5701468.pdf			X:	-79.64445166847268

11	1 of 1	NE/173.8	251.8 / 1.97	ON	WWIS
Well ID:	5739673			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	05/18/2005
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z22699			Contractor:	7075
Tag:	A025455			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573/5739673.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/18/2005
Year Completed: 2005
Depth (m): 6
Latitude: 44.3562370982571
Longitude: -79.6452390587885
Path: 573\5739673.pdf

Bore Hole Information

Bore Hole ID:	11325169	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607965.00
Code OB Desc:		North83:	4912333.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04/18/2005	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933027869			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.30000001192092896			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933027872			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933027871			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.5			
Formation End Depth:		3.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933027870			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		0.30000001192092896			
Formation End Depth:		0.5			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933268704			
Layer:		1			
Plug From:		2.5			
Plug To:		0.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965739673			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11340024			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930869156			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		3.0			
Depth To:		0.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933412637			
Layer:		1			
Slot:		010			
Screen Top Depth:		3.0			
Screen End Depth:		6.0			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		2.0			
<u>Hole Diameter</u>					
Hole ID:		11545643			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		6.0			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Links					
Bore Hole ID:	11325169			Tag No:	A025455
Depth M:	6			Contractor:	7075
Year Completed:	2005			Latitude:	44.3562370982571
Well Completed Dt:	04/18/2005			Longitude:	-79.6452390587885
Audit No:	Z22699			Y:	44.35623709690151
Path:	573\5739673.pdf			X:	-79.64523890678616

12	1 of 1	ENE/175.6	253.9 / 4.05	lot 13 con 12 ON	WWIS
Well ID:	5701464			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/29/1961
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4102
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701464.pdf				

Additional Detail(s) (Map)

Well Completed Date: 06/10/1961
Year Completed: 1961
Depth (m): 6.096
Latitude: 44.355802705262
Longitude: -79.6442904018325
Path: 570\5701464.pdf

Bore Hole Information

Bore Hole ID:	10379357	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	608041.40
Code OB Desc:		North83:	4912286.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	06/10/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261200			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261199			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701464			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927927			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627213			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		20.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995701464				
Pump Set At:					
Static Level:	5.0				
Final Level After Pumping:					
Recommended Pump Depth:	18.0				
Pumping Rate:	2.0				
Flowing Rate:					
Recommended Pump Rate:	2.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	No				
<u>Water Details</u>					
Water ID:	933860820				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	15.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10379357			Tag No:	
Depth M:	6.096			Contractor:	4102
Year Completed:	1961			Latitude:	44.355802705262
Well Completed Dt:	06/10/1961			Longitude:	-79.6442904018325
Audit No:				Y:	44.35580270359666
Path:	570\5701464.pdf			X:	-79.64429024935957
13	1 of 24	WNW/183.7	246.9 / -3.00	ZEHR'S MARKETS 620 YONGE ST BARRIE ON L4N4E6	PES
Detail Licence No:	23-01-12307-0			Operator Box:	
Licence No:	12307			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	705
Licence Type:	Limited Vendor			Oper Phone No:	7352390
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region:	1
Longitude:				Operator District:	
Lot:				Operator County:	57
Concession:				Op Municipality:	
Region:	1			Post Office Box:	
District:				MOE District:	
County:	57			SWP Area Name:	
Trade Name:					
PDF URL:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	2 of 24	WNW/183.7	246.9 / -3.00	ZEHR'S MARKETS, A DIVISION OF ZEHRMART INC 620 YONGE ST BARRIE ON L4N 4E6	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		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:			
13	3 of 24	WNW/183.7	246.9 / -3.00	Loblaw Companies Limited 620 Yonge St Barrie ON L4N 4E6	SPL
Ref No: 3241-85LVU2 Year: Incident Dt: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 5/19/2010 Dt Document Closed: 6/23/2010 Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Zehrs Big Bay Point Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: NA Easting: NA Incident Cause: Pipe Or Hose Leak Incident Event: Environment Impact: Confirmed Nature of Impact: Air Pollution; Human Health/Safety Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Loblaw Companies Limited Client Type: Call Report Location Geodata: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1:		Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Unknown - Reason not determined Incident Summary: Zehrs: natural gas to atm Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Pipeline SAC Action Class: TSSA - Fuel Safety Branch Source Type:					
13	4 of 24	WNW/183.7	246.9 / -3.00	620 Yonge St. Barrie ON L4N 4E6	EHS
Order No: 20130111106 Status: C Report Type: Custom Report Report Date: 23-JAN-13 Date Received: 09-JAN-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.648612 Y: 44.356617					
13	5 of 24	WNW/183.7	246.9 / -3.00	Neelands Refrigeration Limited 620 Yonge St. Barrie ON	SPL
Ref No: 4727-8ZDGLL Year: Incident Dt: 23-OCT-12 MOE Response: No Further Response (PR-PIR Table A) Dt MOE Arvl on Scn: MOE Reported Dt: 24-OCT-12 Dt Document Closed: 02-NOV-12 Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Zehr's Supermarket<UNOFFICIAL> Site Address: 620 Yonge St. Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Leak/Break Incident Event: Environment Impact: Confirmed Nature of Impact: Air Pollution Contaminant Qty: 547.2 kg System Facility Address: Client Name: Neelands Refrigeration Limited Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: FREON (CFC) Contaminant Limit 1:					
Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:					

68 erisinfo.com | Environmental Risk Information Services Order No: 23101100099

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	7 of 24	WNW/183.7	246.9 / -3.00	Loblaws Inc. 620 Yonge Street Barrie ON	SPL
<div> <div> Ref No: 6077-9JYM9Q Year: Incident Dt: 2014/05/10 MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 2014/05/10 Dt Document Closed: 2014/05/13 Site No: NA Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Zehrs/Loblaws<UNOFFICIAL> Site Address: 620 Yonge Street Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northings: Easting: Incident Cause: Leak/Break Incident Event: Environment Impact: Confirmed Nature of Impact: Air Pollution Contaminant Qty: 91 kg System Facility Address: Client Name: Loblaws Inc. Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Equipment Failure Incident Summary: Loblaws, 91kg R507, repaired Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Valve/Fitting/Piping SAC Action Class: Air Spills - Gases and Vapours Source Type: </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved: </div> </div>					

13	8 of 24	WNW/183.7	246.9 / -3.00	Neelands Refrigeration Limited 620 Young St Barrie ON	SPL
<div> <div> Ref No: 4887-9KKL57 Year: Incident Dt: 2014/05/29 MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 2014/05/29 Dt Document Closed: 2014/06/04 </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved: </div> </div>					

<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>
Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Source Type:		NA Zehrs<UNOFFICIAL> 620 Young St Barrie Leak/Break Possible Air Pollution 174 kg Neelands Refrigeration Limited 38 REFRIGERANT GAS, N.O.S. Unknown / N/A Zehrs: Ref leak 174kg of R22 Valve/Fitting/Piping Air Spills - Gases and Vapours			

<u>13</u>	9 of 24	WNW/183.7	246.9 / -3.00	Neelands Refrigeration Limited 620 Yonge St. Barrie ON	SPL
Ref No: Year: Incident Dt: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum:	3565-9UNVTT 3/16/2015 N 3/16/2015 3/24/2015 NA Zehr's Supermarket #565<UNOFFICIAL> 620 Yonge St. Barrie 	Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Northing: Easting: Incident Cause: Leak/Break Incident Event: Environment Impact: Nature of Impact: Air Contaminant Qty: 136 kg System Facility Address: Client Name: Neelands Refrigeration Limited Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: FREON (CFC) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Equipment Failure Incident Summary: Zehr's: 136 kg freon (R-507) to atm. Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Air Spills - Gases and Vapours Source Type:					

13	10 of 24	WNW/183.7	246.9 / -3.00	Neelands Refrigeration Limited 620 Yonge St Barrie ON L4N 4E6	SPL
Ref No: 5431-A4Z35D Year: Incident Dt: 12/7/2015 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 12/7/2015 Dt Document Closed: 1/6/2016 Site No: 1765-869PL5 Site County/District: Site Geo Ref Meth: NA Site District Office: Nearest Watercourse: Site Name: Zehrs Big Bay Point Site Address: 620 Yonge St Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: NA Site Map Datum: NA Northing: NA Easting: NA Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: 184 kg System Facility Address: Client Name: Neelands Refrigeration Limited Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S.					
Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Equipment Failure Incident Summary: Zehrs- R507 leak, repaired Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Industrial SAC Action Class: Air Spills - Gases and Vapours Source Type:					
13	11 of 24	WNW/183.7	246.9 / -3.00	Neelands Refrigeration Limited 620 Yonge Street; 620 Yonge St Barrie; Barrie ON L4N 4E6	SPL
Ref No: 4645-A8SNPM Year: Incident Dt: 2016/04/07 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/04/07 Dt Document Closed: 2016/04/13 Site No: NA; 1765-869PL5 Site County/District: Site Geo Ref Meth: NA Site District Office: Nearest Watercourse: Site Name: Zehr's Store 565<UNOFFICIAL>; Zehrs Big Bay Point Site Address: 620 Yonge Street; 620 Yonge St Site Region: Site Municipality: Barrie; Barrie Site Lot: Site Conc: Site Geo Ref Accu: NA Site Map Datum: NA Northing: NA Easting: NA Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 136 kg System Facility Address: Client Name: Neelands Refrigeration Limited Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Air Incident Reason: Equipment Failure Incident Summary: Zehr's: 136 kg of R507 to atm Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Communal SAC Action Class: Air Spills - Gases and Vapours Source Type:					
Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	12 of 24	WNW/183.7	246.9 / -3.00	620 Yonge Street Barrie ON	SPL
<div> <div> Ref No: 1652-A9WRED Year: Incident Dt: 2016/05/13 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/05/13 Dt Document Closed: 2016/06/22 Site No: NA Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Zehr's<UNOFFICIAL> Site Address: 620 Yonge Street Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 92 kg System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Air Incident Reason: Equipment Failure Incident Summary: Zehr's: ~ 92 kg R 507 to atm Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Industrial SAC Action Class: Air Spills - Gases and Vapours Source Type: </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved: </div> </div>					
13	13 of 24	WNW/183.7	246.9 / -3.00	Loblaw Companies Limited 620 Yonge St. Barrie ON L4N 4E6	GEN
<div> Generator No: ON4625994 SIC Code: 445110 SIC Description: SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES Approval Years: 2016 PO Box No: Country: Canada Status: </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Admin:		Craig Hudak			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		9055957544 Ext.			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		146			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		269			
Waste Class Name:		NON-HALOGENATED PESTICIDES			
Waste Class:		331			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		262			
Waste Class Name:		DETERGENTS/SOAPS			
Waste Class:		242			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		148			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
13	14 of 24	WNW/183.7	246.9 / -3.00	Loblaw Companies Limited 620 Yonge St. Barrie ON L4N 4E6	GEN
Generator No:		ON4625994			
SIC Code:		445110			
SIC Description:		SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
13	15 of 24	WNW/183.7	246.9 / -3.00	LOBLAWS INC. 620 Yonge St. Barrie ON L4N 4E6	GEN
Generator No:		ON4625994			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Name:		Acid solutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Name:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 A			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		148 I			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		242 L			
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		242 T			
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and 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>
Waste Class: Waste Class Name:		261 A Pharmaceuticals			
Waste Class: Waste Class Name:		261 B Pharmaceuticals			
Waste Class: Waste Class Name:		261 I Pharmaceuticals			
Waste Class: Waste Class Name:		261 L Pharmaceuticals			
Waste Class: Waste Class Name:		262 C Detergents and soaps			
Waste Class: Waste Class Name:		263 A Misc. waste organic chemicals			
Waste Class: Waste Class Name:		263 C Misc. waste organic chemicals			
Waste Class: Waste Class Name:		263 L Misc. waste organic chemicals			
Waste Class: Waste Class Name:		269 L Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Name:		269 T Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Name:		312 P Pathological wastes			
Waste Class: Waste Class Name:		331 I Waste compressed gases including cylinders			
Waste Class: Waste Class Name:		331 L Waste compressed gases including cylinders			

<u>13</u>	16 of 24	WNW/183.7	246.9 / -3.00	ZEHR'S MARKETS 620 YONGE ST BARRIE ON L4N4E6	PES
Detail Licence No:				Operator Box:	
Licence No:	18397			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	705
Licence Type:	Limited Vendor			Oper Phone No:	7352390
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			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 URL:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	17 of 24	WNW/183.7	246.9 / -3.00	620 Yonge Street Barrie ON	SPL
<div> <div> Ref No: 0770-APAPUL Year: Incident Dt: 7/15/2017 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 7/15/2017 Dt Document Closed: 8/12/2017 Site No: NA Site County/District: County of Simcoe Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: Zehrs Store<UNOFFICIAL> Site Address: 620 Yonge Street Site Region: Central Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 136.2 kg System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1078 Receiving Medium: Receiving Environment: Air Incident Reason: Unknown / N/A Incident Summary: Zehrs Grocery Store: 136.2 kg R507 to atm. Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Unknown / N/A SAC Action Class: Air Spills - Gases and Vapours Source Type: Unknown / N/A </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Agency Involved: </div> </div>					
13	18 of 24	WNW/183.7	246.9 / -3.00	Loblaw Companies Limited 620 Yonge St Barrie ON L4N 4E6	SPL
<div> <div> Ref No: 7421-B8JU9H Year: Incident Dt: 2019/01/17 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2019/01/18 Dt Document Closed: 2019/01/24 Site No: 1765-869PL5 Site County/District: County of Simcoe Site Geo Ref Meth: NA </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 4 - Medium Environment Agency Involved: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northings: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Source Type:		Barrie Zehrs Big Bay Point 620 Yonge St Central Barrie NA NA NA NA NA Leak/Break 184 kg Loblaw Companies Limited Corporation Call Report Location Geodata: 38 REFRIGERANT GAS, N.O.S. 1078 Air Unknown / N/A Zehrs Big Bay Point: 184 kg of R507 from Rack B. Miscellaneous Industrial Air Spills - Gases and Vapours Other			

13	19 of 24	WNW/183.7	246.9 / -3.00	LOBLAWS INC. 620 Yonge St. Barrie ON L4N 4E6	GEN
Generator No:		ON4625994			
SIC Code:					
SIC Description:					
Approval Years:		As of Jul 2020			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Name:		Acid solutions - containing heavy metals			
Waste Class:		263 A			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		261 B			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Pharmaceuticals			
Waste Class:		263 L			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		242 T			
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		148 I			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		122 C			
Waste Class Name:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
Waste Class:		145 I			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		242 L			
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		263 C			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		148 A			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		261 L			
Waste Class Name:		Pharmaceuticals			
Waste Class:		269 L			
Waste Class Name:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		269 T			
Waste Class Name:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		262 C			
Waste Class Name:		Detergents and soaps			
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		261 I			
Waste Class Name:		Pharmaceuticals			
Waste Class:		331 L			
Waste Class Name:		Waste compressed gases including cylinders			
Waste Class:		145 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
13	20 of 24	WNW/183.7	246.9 / -3.00	Loblaw Companies Limited 620 Young St Barrie ON	SPL
Ref No: 3172-BA2Q76 Year: Incident Dt: 3/7/2019 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 3/7/2019 Dt Document Closed: 3/21/2019 Site No: NA Site County/District: County of Simcoe Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: Zehr's # 565<UNOFFICIAL> Site Address: 620 Young St Site Region: Central Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 184 kg System Facility Address: Client Name: Loblaw Companies Limited Client Type: Corporation Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1078 Receiving Medium: Receiving Environment: Air Incident Reason: Equipment Failure Incident Summary: Zehr's: ~ 184 kg of R507 to atm Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Industrial SAC Action Class: Air Spills - Gases and Vapours Source Type: Pipeline/Components		Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Agency Involved:			
13	21 of 24	WNW/183.7	246.9 / -3.00	LOBLAWS INC. 620 Yonge St. Barrie ON L4N 4E6	GEN
Generator No: ON4625994 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		269 T			
Waste Class Name:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
Waste Class:		263 C			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		242 L			
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		261 I			
Waste Class Name:		Pharmaceuticals			
Waste Class:		331 L			
Waste Class Name:		Waste compressed gases including cylinders			
Waste Class:		112 C			
Waste Class Name:		Acid solutions - containing heavy metals			
Waste Class:		262 C			
Waste Class Name:		Detergents and soaps			
Waste Class:		269 L			
Waste Class Name:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		148 I			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		263 L			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
Waste Class:		263 A			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		261 B			
Waste Class Name:		Pharmaceuticals			
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		242 T			
Waste Class Name:		Halogenated pesticides and herbicides			
Waste Class:		148 A			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Waste Class:		122 C			
Waste Class Name:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		261 L			
Waste Class Name:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
Waste Class:		145 I			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		212 I			
Waste Class Name:		Aliphatic solvents and residues			
<hr/>					
13	22 of 24	WNW/183.7	246.9 / -3.00	Loblaw Companies Limited 620 Yonge St Barrie ON L4N 4E6	SPL
Ref No:	8148-BWDLMA			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	12/17/2020			Discharger Report:	
MOE Response:	No			Material Group:	
Dt MOE Arvl on Scn:				Health/Env Conseq:	2 - Minor Environment
MOE Reported Dt:	12/17/2020			Agency Involved:	
Dt Document Closed:	1/5/2021				
Site No:	1765-869PL5				
Site County/District:	County of Simcoe				
Site Geo Ref Meth:	NA				
Site District Office:	Barrie				
Nearest Watercourse:					
Site Name:	Zehrs Big Bay Point				
Site Address:	620 Yonge St				
Site Region:	Central				
Site Municipality:	Barrie				
Site Lot:					
Site Conc:	NA				
Site Geo Ref Accu:	NA				
Site Map Datum:	NA				
Northing:	NA				
Easting:	NA				
Incident Cause:					
Incident Event:	Leak/Break				
Environment Impact:					
Nature of Impact:					
Contaminant Qty:	136.2 kg				
System Facility Address:					
Client Name:	Loblaw Companies Limited				
Client Type:	Corporation				
Call Report Location Geodata:					
Contaminant Code:	38				
Contaminant Name:	REFRIGERANT GAS, N.O.S.				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:	1078				
Receiving Medium:					
Receiving Environment:	Air				
Incident Reason:	Equipment Failure				
Incident Summary:	Zehrs- R507 Refrigerant Leak				
Activity Preceding Spill:					
Property 2nd Watershed:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Property Tertiary Watershed:					
Sector Type:		Miscellaneous Industrial			
SAC Action Class:		Air Spills - Gases and Vapours			
Source Type:		Tank - Indoors			
13	23 of 24	WNW/183.7	246.9 / -3.00	LOBLAWS INC. 620 Yonge St. Barrie ON L4N 4E6	GEN
Generator No:		ON4625994			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		122 C			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145 I			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		112 C			
Waste Class Name:		ACID WASTE - HEAVY METALS			
Waste Class:		242 L			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		242 T			
Waste Class Name:		HALOGENATED PESTICIDES			
Waste Class:		261 B			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		261 L			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		331 L			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		312 P			
Waste Class Name:		PATHOLOGICAL WASTES			
Waste Class:		145 L			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		263 L			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261 A			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		212 L			
Waste Class Name:		ALIPHATIC SOLVENTS			

<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>
Waste Class: Waste Class Name:		269 L NON-HALOGENATED PESTICIDES			
Waste Class: Waste Class Name:		263 C ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		331 I WASTE COMPRESSED GASES			
Waste Class: Waste Class Name:		146 T OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Name:		261 I PHARMACEUTICALS			
Waste Class: Waste Class Name:		252 L WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Name:		262 C DETERGENTS/SOAPS			
Waste Class: Waste Class Name:		148 A INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		148 I INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		269 T NON-HALOGENATED PESTICIDES			
Waste Class: Waste Class Name:		263 A ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Name:		212 I ALIPHATIC SOLVENTS			

13	24 of 24	WNW/183.7	246.9 / -3.00	620 Yonge Street BARRIE ON	SPL
Ref No:	1-1CMETD			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	10/23/2021 4:00:35 PM			Discharger Report:	
MOE Response:	Desktop Response			Material Group:	
Dt MOE Arvl on Scn:				Health/Env Conseq:	0 No Impact
MOE Reported Dt:	10/23/2021 4:16:32 PM			Agency Involved:	
Dt Document Closed:	10/29/2021 8:44:17 AM				
Site No:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:	Barrie District Office				
Nearest Watercourse:					
Site Name:					
Site Address:	620 Yonge Street				
Site Region:	COUNTY OF SIMCOE				
Site Municipality:	BARRIE				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northings:					
Easting:					
Incident Cause:					
Incident Event:	Unknown / N/A				
Environment Impact:	1 Minor Impact				
Nature of Impact:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Qty:		1 other - see notes			
System Facility Address:					
Client Name:					
Client Type:					
Call Report Location Geodata:		{ "integration_ids": ["PR00002041104"], "wkts": ["POINT (-79.6486316000 44.3552065000)", "creation_date": "2021-10-23"] }			
Contaminant Code:					
Contaminant Name:		CONCRETE			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Land			
Receiving Environment:					
Incident Reason:		Human error (Specify)			
Incident Summary:		Zehrs: concrete dust into cb			
Activity Preceding Spill:		Construction or repair			
Property 2nd Watershed:		Eastern Georgian Bay			
Property Tertiary Watershed:		02EC - Black River - Lake Simcoe			
Sector Type:		INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION			
SAC Action Class:					
Source Type:		Unknown / N/A			

14	1 of 1	NE/186.8	251.8 / 1.97	649 YONGE ST. BARRIE ON	WWIS
Well ID:	5739886			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	07/15/2005
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z05337			Contractor:	6032
Tag:	A005126			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5739886.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	03/07/2005				
Year Completed:	2005				
Depth (m):	8.23				
Latitude:	44.3563443592826				
Longitude:	-79.6451738464238				
Path:	573\5739886.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	11325382			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	607970.00
Code OB Desc:				North83:	4912345.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	03/07/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933028767			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.229999542236328			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933272634			
Layer:		2			
Plug From:		0.46000000834465027			
Plug To:		2.440000057220459			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933272635			
Layer:		1			
Plug From:		0.0			
Plug To:		0.46000000834465027			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965739886			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11340237			
Casing No:		1			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930869409			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		3.049999952316284			
Casing Diameter:		0.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933413589			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.049999952316284			
Screen End Depth:		7.619999885559082			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		0.5			
<u>Hole Diameter</u>					
Hole ID:		11545850			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		8.229999542236328			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	11325382			Tag No:	A005126
Depth M:	8.23			Contractor:	6032
Year Completed:	2005			Latitude:	44.3563443592826
Well Completed Dt:	03/07/2005			Longitude:	-79.6451738464238
Audit No:	Z05337			Y:	44.35634435792278
Path:	573\5739886.pdf			X:	-79.64517369359909
<hr/>					
15	1 of 1	NE/187.3	251.8 / 1.97	648 YONGE ST Barrie ON	WWIS
Well ID:	7143472			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	0			Date Received:	04/14/2010
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z117461			Contractor:	7391
Tag:	A025455			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		BARRIE CITY			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/714\7143472.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/10/2009			
Year Completed:		2009			
Depth (m):		6.096			
Latitude:		44.3563721046313			
Longitude:		-79.6452359476215			
Path:		714\7143472.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1002958950		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607965.00
Code OB Desc:				North83:	4912348.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		11/10/2009		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003113161			
Layer:		3			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003113162			
Layer:		4			
Color:					
General Color:					
Mat1:					
Most Common Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003113159			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003113160			
Layer:		2			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1003113169			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003113157			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003113166			
Layer:		1			
Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:					
Depth From:		PLASTIC	-0.5		
Depth To:			20.0		
Casing Diameter:			2.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Screen</u>					
Screen ID:		1003113167			
Layer:		1			
Slot:					
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1003113158			
Pump Set At:					
Static Level:		11.5			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1003113165			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		11.5			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003113163			
Diameter:		2.375			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1002958950			Tag No:	A025455
Depth M:	6.096			Contractor:	7391
Year Completed:	2009			Latitude:	44.3563721046313

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Dt: 11/10/2009 Audit No: Z117461 Path: 714\7143472.pdf Longitude: -79.6452359476215 Y: 44.356372104004365 X: -79.64523579590885					
16	1 of 1	N/188.0	251.0 / 1.09	KELLY K 631 YONGE ST BARRIE ON L4N4E7	RST
Headcode: 1186800 Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas Phone: 7057227010 List Name: Description:					
17	1 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE ON L4N 4E7	PRT
Location ID: 1351 Type: retail Expiry Date: 1994-09-30 Capacity (L): 100000 Licence #: 0076399492					
17	2 of 12	NNE/190.4	251.9 / 2.00	647 Yonge Street Barrie ON L4N 4E7	EHS
Order No: 20020614008w Status: C Report Type: Online Mapless Report Report Date: 6/14/02 Date Received: 6/14/02 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: 0 Y: 0					
17	3 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE ON P3E 3Z7	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No: 9826390 Status: EXPIRED Instance ID: Instance Type: FS Facility Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date:					
Expired Date: 10/6/2009 11:03 Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground:					

<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>Next Periodic Str DT:</i>				<i>Source:</i>	
<i>TSSA Base Sched Cycle 2:</i>					
<i>TSSAMax Hazard Rank 1:</i>					
<i>TSSA Risk Based Periodic Yn:</i>					
<i>TSSA Volume of Directives:</i>					
<i>TSSA Periodic Exempt:</i>					
<i>TSSA Statutory Interval:</i>					
<i>TSSA Recd Insp Interva:</i>					
<i>TSSA Recd Tolerance:</i>					
<i>TSSA Program Area:</i>					
<i>TSSA Program Area 2:</i>					
<i>Description:</i>					
<i>Original Source:</i>		EXP			
<i>Record Date:</i>		Up to May 2013			

Delisted Expired Fuel Safety Facilities

Instance Creation Dt:

Item Description:

Model:

ULC Standard:

Unit of M

Unit of Measure:
Overflow Prot Type

Creation Date:

Next Periodic S

Next Periodic Str Dt:
TSSA Base Sched Cy:

TSSA Base Sched Cycle 2:
TSSAMax Hazard Bank 1:

TSSA Max Hazard Rank 1:
TSSA Risk Based Periodic Yr:

TSSA Risk Based Periodic Yr.
TSSA Volume of Directives:

TSSA Volume of Directives:
TSSA Periodic Exempt:

TSSA Periodic Exempt.
TSSA Statutory Interval

TSSA Recd Insp Interva:

TSSA Recd Tolerance:

TSSA Program Area:

TSSA Program Area 2:

Description: FS Piping

Description:	FCI
Original Source:	EXP

Record Date: Up to Mar 2012

Source:

Max Hazard Rank:

Facility Location:

Facility Type:

Fuel Type 2:

Fuel Type 3:

Panam Related:

Panam Venue Nm:

External Identifier:

Item:

Piping Steel:

Piping Galvanized:

Tank Single Wall St:

Piping Underground:

Tank Underground:

Source:

17	5 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:

Expired Date:

Max Hazard Rank:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Instance ID: 28470 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP Record Date: Up to Mar 2012 </div> <div> Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> </div>					

17	6 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE ON	DTNK
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Delisted Expired Fuel Safety Facilities

<div> <div> Instance No: 10558850 Status: EXPIRED Instance ID: 29023 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP </div> <div> Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> </div>					
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Date:		Up to Mar 2012			
17	7 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		10558830		Expired Date:	
Status:		EXPIRED		Max Hazard Rank:	
Instance ID:				Facility Location:	
Instance Type:				Facility Type:	
Instance Creation Dt:		6/5/1992		Fuel Type 2:	
Instance Install Dt:		6/5/1992		Fuel Type 3:	
Item Description:		FS Liquid Fuel Tank		Panam Related:	
Manufacturer:		NULL		Panam Venue Nm:	
Model:		NULL		External Identifier:	
Serial No:		NULL		Item:	
ULC Standard:		NULL		Piping Steel:	
Quantity:		1		Piping Galvanized:	
Unit of Measure:		EA		Tank Single Wall St:	
Overfill Prot Type:		NULL		Piping Underground:	
Creation Date:		7/5/2009 1:19:44 AM		Tank Underground:	
Next Periodic Str DT:		NULL		Source:	
TSSA Base Sched Cycle 2:		NULL		FS Liquid Fuel Tank	
TSSAMax Hazard Rank 1:		NULL			
TSSA Risk Based Periodic Yn:		NULL			
TSSA Volume of Directives:		NULL			
TSSA Periodic Exempt:		NULL			
TSSA Statutory Interval:		NULL			
TSSA Recd Insp Interva:		NULL			
TSSA Recd Tolerance:		NULL			
TSSA Program Area:		NULL			
TSSA Program Area 2:		NULL			
Description:		UNDERGROUND TANK			
Original Source:		EXP			
Record Date:		31-JUL-2020			
17	8 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		10558790		Expired Date:	
Status:		EXPIRED		Max Hazard Rank:	
Instance ID:				Facility Location:	
Instance Type:				Facility Type:	
Instance Creation Dt:		6/5/1992		Fuel Type 2:	
Instance Install Dt:		6/5/1992		Fuel Type 3:	
Item Description:		FS Liquid Fuel Tank		Panam Related:	
Manufacturer:		NULL		Panam Venue Nm:	
Model:		NULL		External Identifier:	
Serial No:		NULL		Item:	
ULC Standard:		NULL		Piping Steel:	
Quantity:		1		Piping Galvanized:	
Unit of Measure:		EA		Tank Single Wall St:	
Overfill Prot Type:		NULL		Piping Underground:	
Creation Date:		7/5/2009 1:19:49 AM		Tank Underground:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Next Periodic Str DT: NULL				Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:		NULL			
TSSAMax Hazard Rank 1:		NULL			
TSSA Risk Based Periodic Yn:		NULL			
TSSA Volume of Directives:		NULL			
TSSA Periodic Exempt:		NULL			
TSSA Statutory Interval:		NULL			
TSSA Recd Insp Interva:		NULL			
TSSA Recd Tolerance:		NULL			
TSSA Program Area:		NULL			
TSSA Program Area 2:		NULL			
Description:		UNDERGROUND TANK			
Original Source:		EXP			
Record Date:		31-JUL-2020			

17	9 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	DTNK
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Delisted Expired Fuel Safety
Facilities

Instance No:	10558747	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	647 YONGE ST S BARRIE P3E 3Z7 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	6/5/1992	Fuel Type 2:	NULL
Instance Install Dt:	6/5/1992	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	
Creation Date:	7/5/2009 1:19:51 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	UNDERGROUND TANK		
Original Source:	EXP		
Record Date:	31-JUL-2020		

17	10 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	FST
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Instance No:	10558830	Manufacturer:	
Status:		Serial No:	
Cont Name:		Ulc Standard:	
Instance Type:		Quantity:	
Item:		Unit of Measure:	
Item Description:	FS Liquid Fuel Tank	Fuel Type:	Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/5/1992			Fuel Type3:	NULL
Install Year:	1988			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	50000			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Sacrificial anode			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	647 YONGE ST S BARRIE P3E 3Z7 ON CA				

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: TAURUS FUELS INC
Item: FS LIQUID FUEL TANK

17	11 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	FST
Instance No:	10558790			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/5/1992			Fuel Type3:	NULL
Install Year:	1988			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	25000			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Sacrificial anode			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	647 YONGE ST S BARRIE P3E 3Z7 ON CA				

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: TAURUS FUELS INC
Item: FS LIQUID FUEL TANK

17	12 of 12	NNE/190.4	251.9 / 2.00	TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON	FST
Instance No:	10558747			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location:	6/5/1992 1988 NULL 25000 Steel Sacrificial anode FS Liquid Fuel Tank 647 YONGE ST S BARRIE P3E 3Z7 ON CA			Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue:	NULL
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: Item:	 TAURUS FUELS INC FS LIQUID FUEL TANK				
18	1 of 1	NNW/192.3	249.8 / -0.05	644 YONGE ST Barrie ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	7228528 Monitoring and Test Hole 0 Observation Wells Z195668 A163146 INNISFIL TOWNSHIP			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	 09/30/2014 TRUE 7241 7 SIMCOE
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:	08/29/2014 2014 6.096 44.3565784313557 -79.6474522182575				
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	1005144280			Elevation: Elevrc: Zone: East83: North83:	 17 607788.00 4912368.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	08/29/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431271			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431269			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431268			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005431270			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		28			
Mat3 Desc:		SAND			
Formation Top Depth:		5.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431280			
Layer:		2			
Plug From:		9.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431281			
Layer:		3			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431279			
Layer:		1			
Plug From:		20.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005431278			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005431267			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 1005431274					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0.0					
Depth To: 10.0					
Casing Diameter: 2.0					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 1005431275					
Layer: 1					
Slot: .10					
Screen Top Depth: 10.0					
Screen End Depth: 20.0					
Screen Material: 5					
Screen Depth UOM: ft					
Screen Diameter UOM: inch					
Screen Diameter: 2.25					
<u>Water Details</u>					
Water ID: 1005431273					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1005431272					
Diameter: 6.0					
Depth From: 0.0					
Depth To: 20.0					
Hole Depth UOM: ft					
Hole Diameter UOM: inch					
<u>Links</u>					
Bore Hole ID:	1005144280			Tag No:	A163146
Depth M:	6.096			Contractor:	7241
Year Completed:	2014			Latitude:	44.3565784313557
Well Completed Dt:	08/29/2014			Longitude:	-79.6474522182575
Audit No:	Z195668			Y:	44.35657842975062
Path:	722\7228528.pdf			X:	-79.64745206564754
19	1 of 1	NNW/197.9	249.9 / 0.08	624 Yonge St Barrie ON L4N 4E6	EHS
Order No:	20130315053			Nearest Intersection:	
Status:	C			Municipality:	Barrie
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	26-MAR-13			Search Radius (km):	.25
Date Received:	15-MAR-13			X:	0
Previous Site Name:				Y:	0
Lot/Building Size:					
Additional Info Ordered:	Title Searches; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261192			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		46.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261193			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		46.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701460			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927923			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627209			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701460			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:					
Pumping Rate:		5.0			
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:		5			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933860817			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		46.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10379353			Tag No:	
Depth M:	14.6304			Contractor:	1637
Year Completed:	1956			Latitude:	44.356761139849
Well Completed Dt:	08/08/1956			Longitude:	-79.6469159707399
Audit No:				Y:	44.356761138717324
Path:	570\5701460.pdf			X:	-79.64691581829035
<hr/>					
21	1 of 1	ENE/203.4	254.0 / 4.15	lot 13 con 12 ON	WWIS
Well ID:	5701473			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/27/1967
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701473.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/08/1967			
Year Completed:		1967			
Depth (m):		13.716			
Latitude:		44.3559432866151			
Longitude:		-79.6439985552778			
Path:		570\5701473.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379366		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608064.40
Code OB Desc:				North83:	4912302.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		11/08/1967		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261226			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261227			
Layer:		2			
Color:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		YELLOW			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932261230			
Layer:		5			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		44.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932261228			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		3.0			
Formation End Depth:		41.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932261229			
Layer:		4			
Color:		5			
General Color:		YELLOW			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965701473				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10927936				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930627222				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	41.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933363353				
Layer:	1				
Slot:	040				
Screen Top Depth:	41.0				
Screen End Depth:	44.0				
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	6.0				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995701473				
Pump Set At:					
Static Level:	1.0				
Final Level After Pumping:	32.0				
Recommended Pump Depth:	28.0				
Pumping Rate:	9.0				
Flowing Rate:					
Recommended Pump Rate:	7.0				
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:	No				
<u>Water Details</u>					
Water ID:	933860829				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 41.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10379366 Depth M: 13.716 Year Completed: 1967 Well Completed Dt: 11/08/1967 Audit No: Path: 570\5701473.pdf					
Tag No: Contractor: 2514 Latitude: 44.3559432866151 Longitude: -79.6439985552778 Y: 44.35594328560639 X: -79.64399840207567					
22	1 of 1	NE/210.8	254.0 / 4.15	657 Yonge Street Barrie ON	EHS
Order No: 20020614011w Status: C Report Type: Online Mapless Report Report Date: 6/14/02 Date Received: 6/14/02 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: 0 Y: 0					
23	1 of 1	N/211.6	251.6 / 1.69	lot 13 con 12 ON	WWIS
Well ID: 5701472 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: INNISFIL TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 08/29/1967 Selected Flag: TRUE Abandonment Rec: Contractor: 2514 Form Version: 1 Owner: County: SIMCOE Lot: 013 Concession: 12 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701472.pdf					
Additional Detail(s) (Map)					
Well Completed Date: 06/15/1967 Year Completed: 1967 Depth (m): 18.8976 Latitude: 44.3568623066405 Longitude: -79.6463364238093 Path: 570\5701472.pdf					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10379365			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607876.40
Code OB Desc:				North83:	4912401.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	06/15/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261224				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:	13				
Mat3 Desc:	BOULDERS				
Formation Top Depth:	1.0				
Formation End Depth:	59.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261225				
Layer:	3				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	59.0				
Formation End Depth:	62.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261223				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701472			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927935			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627221			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		59.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933363352			
Layer:		1			
Slot:		040			
Screen Top Depth:		59.0			
Screen End Depth:		62.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701472			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		58.0			
Recommended Pump Depth:		55.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		7.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933860828			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		59.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10379365		Tag No:	
Depth M:		18.8976		Contractor:	2514
Year Completed:		1967		Latitude:	44.3568623066405
Well Completed Dt:		06/15/1967		Longitude:	-79.6463364238093
Audit No:				Y:	44.35686230594912
Path:		570\5701472.pdf		X:	-79.64633627125956
24	1 of 23	NNW/216.7	250.9 / 1.03	WEBB BROS 623 YONGE ST LOT 13 CON 12 BARRIE ON	PRT
Location ID:		1352			
Type:		retail			
Expiry Date:		1995-04-30			
Capacity (L):		2000			
Licence #:		0033320001			
24	2 of 23	NNW/216.7	250.9 / 1.03	WEBB BROS 623 YONGE ST LOT 13 CON 12 BARRIE ON	PRT
Location ID:		1352			
Type:		retail			
Expiry Date:		1995-08-31			
Capacity (L):		122742			
Licence #:		0024509001			
24	3 of 23	NNW/216.7	250.9 / 1.03	623 Yonge Street Barrie ON L4N 4E7	CA
Certificate #:		6760-57HQQ5			
Application Year:		02			
Issue Date:		2/20/02			
Approval Type:		Industrial sewage			
Status:		Approved			
Application Type:		New Certificate of Approval			
Client Name:		Petro-Canada Inc.			
Client Address:		3275 Rebecca Street			
Client City:		Oakville			
Client Postal Code:		L6L 6N5			
Project Description:		Application is for an on-site stormwater management system to service a proposed 0.4ha commercial development located in Part of Block-M, Plan M-25 in the Town of Ajax. The proposed stormwater management system includes spill containment provided by a Stormsceptor STC 1000 Oil/Water Separator which has a sediment capacity of 3260 litres, an oil capacity of 915 litres and a total capacity of 5125 litres. The treated flow rate for this unit is 18			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
litres per second. Collected storm water will be drained to the local municipal storm sewer					
Contaminants: Emission Control:					
24	4 of 23	NNW/216.7	250.9 / 1.03	1480003 ONTARIO LTD PETRO CANADA GAS STN 623 YONGE ST LOT 13 CON 12 BARRIE ON L4N 4E7	FSTH
License Issue Date: 3/31/2004 Tank Status: Licensed Tank Status As Of: August 2007 Operation Type: Retail Fuel Outlet Facility Type: Gasoline Station - Split Serve					
--Details--					
Status: Removed Year of Installation: 1993 Corrosion Protection: Capacity: 45460 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Removed Year of Installation: 1993 Corrosion Protection: Capacity: 22728 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Removed Year of Installation: 1993 Corrosion Protection: Capacity: 31819 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Removed Year of Installation: 1993 Corrosion Protection: Capacity: 22728 Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel					
24	5 of 23	NNW/216.7	250.9 / 1.03	PETRO CANADA 623 YONGE STREET BARRIE ON L4N 4E7	GEN
Generator No: ON9087241 SIC Code: 419120 SIC Description: Petroleum Product Agents and Brokers Approval Years: 06,07,08 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 221 Waste Class Name: LIGHT FUELS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			

24	6 of 23	NNW/216.7	250.9 / 1.03	PETRO CANADA - ASSET MANAGEMENT ** 623 YONGE ST BARRIE ON L4N 4E7	DTNK
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Delisted Expired Fuel Safety
Facilities

Instance No:	10368112	Expired Date:	4/13/2002
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:		Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:			
Original Source:	EXP		
Record Date:	Up to May 2013		

24	7 of 23	NNW/216.7	250.9 / 1.03	1255545 ONTARIO LTD 623 YONGE ST BARRIE ON	DTNK
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Delisted Expired Fuel Safety
Facilities

Instance No:	10051008	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	11043	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2:				Piping Underground: Tank Underground: Source:	
Description:		FS Propane Refill Cntr - Cylr Fill			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

Delisted Expired Fuel Safety Facilities

24	9 of 23	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE ON	DTNK
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Instance No: 10559010 Status: EXPIRED Instance ID: 27351 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP Record Date: Up to Mar 2012 </div> <div> Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> </div>					
24	10 of 23	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE ON	DTNK

**Delisted Expired Fuel Safety
Facilities**

<div> <div> Instance No: 10558974 Status: EXPIRED Instance ID: 27996 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: </div> <div> Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> </div>	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

24	11 of 23	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10559036	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	27810	Facility Location:	
Instance Type:	FS Piping	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

24	12 of 23	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10559083	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	28342	Facility Location:	
Instance Type:	FS Piping	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2:				Piping Underground: Tank Underground: Source:	
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

Delisted Expired Fuel Safety Facilities

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Delisted Expired Fuel Safety Facilities

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Instance No: 10559067 Status: EXPIRED Instance ID: 28719 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP Record Date: Up to Mar 2012 </div> <div> Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> </div>					
24	15 of 23	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE ON	DTNK

Delisted Expired Fuel Safety
Facilities

Instance No: 10559054 Status: EXPIRED Instance ID: 29018 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2:	Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

24	16 of 23	NNW/216.7	250.9 / 1.03	1255545 ONTARIO LTD 623 YONGE ST BARRIE ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	11219224	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	74304	Facility Location:	
Instance Type:	FS Propane Tank	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Propane Tank		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

24	17 of 23	NNW/216.7	250.9 / 1.03	1255545 ONTARIO LTD 623 YONGE ST BARRIE ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	11541276	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	89662	Facility Location:	
Instance Type:	FS Propane Tank	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: Record Date: </div> <div> FS Propane Tank EXP Up to Mar 2012 </div> <div> Piping Underground: Tank Underground: Source: </div> </div>					
24	18 of 23	NNW/216.7	250.9 / 1.03	1255545 ONTARIO LTD 623 YONGE ST BARRIE ON	DTNK
<div> <u>Delisted Expired Fuel Safety Facilities</u> </div> <div> <div> Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: Original Source: Record Date: </div> <div> 11219247 EXPIRED 73395 FS Propane Tank </div> <div> Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> </div>					
24	19 of 23	NNW/216.7	250.9 / 1.03	PETRO CANADA 623 YONGE STREET BARRIE ON L4N 4E7	GEN
<div> <div> Generator No: SIC Code: SIC Description: Approval Years: </div> <div> ON9087241 419120 Petroleum Product Agents and Brokers 2009 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div>PO Box No:</div> <div>Country:</div> <div>Status:</div> <div>Co Admin:</div> <div>Choice of Contact:</div> <div>Phone No Admin:</div> <div>Contaminated Facility:</div> <div>MHSW Facility:</div>					
<div>Detail(s)</div>					
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
24	20 of 23	NNW/216.7	250.9 / 1.03	Petro-Canada 623 Yonge St Barrie ON L4N 4E7	SPL
Ref No:		4471-8TBMXP		Municipality No:	
Year:				Nature of Damage:	
Incident Dt:		13-APR-12		Discharger Report:	
MOE Response:		Deferred Field Response		Material Group:	
Dt MOE Arvl on Scn:		13-APR-12		Health/Env Conseq:	
MOE Reported Dt:		13-APR-12		Agency Involved:	
Dt Document Closed:		18-APR-12			
Site No:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:		623 Yonge Street			
Site Address:		623 Yonge St			
Site Region:					
Site Municipality:		Barrie			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:		4912384.41			
Easting:		607842.85			
Incident Cause:		Other Discharges			
Incident Event:					
Environment Impact:		Not Anticipated			
Nature of Impact:		Other Impact(s)			
Contaminant Qty:					
System Facility Address:					
Client Name:		Petro-Canada			
Client Type:					
Call Report Location Geodata:					
Contaminant Code:		44			
Contaminant Name:		SEWAGE,RAW UNCHLORINATED			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Sewage - Municipal/Private and Commercial			
Receiving Environment:					
Incident Reason:		Equipment Failure			
Incident Summary:		Petro Canada Gas Stn, raw sewage to c/b, vac truck en route			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sector Type: SAC Action Class: Source Type:		Other Land Spills			
24	21 of 23	NNW/216.7	250.9 / 1.03	PETRO CANADA 623 YONGE STREET BARRIE ON L4N 4E7	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9087241 419120 Petroleum Product Agents and Brokers 2010			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		221 LIGHT FUELS			
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
24	22 of 23	NNW/216.7	250.9 / 1.03	Suncor Energy Products 623 Yonge Street Barrie ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9217627 447110 Gasoline Stations with Convenience Stores 2012			
24	23 of 23	NNW/216.7	250.9 / 1.03	Suncor Energy Products 623 Yonge Street Barrie ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9217627 447110 2013			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
Waste Class:	221				
Waste Class Name:	LIGHT FUELS				
<u>25</u>	1 of 32	NNW/216.7	250.9 / 1.03	SUNCOR ENERGY PRODUCTS PARTNERSHIP 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:	13353257			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:	FS Liquid Fuel Tank			Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	6/4/2009			Fuel Type3:	NULL
Install Year:	2002			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	35000			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:					
Device Installed Location:	623 YONGE ST BARRIE L4N 4E7 ON CA				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	SUNCOR ENERGY PRODUCTS PARTNERSHIP				
Item:	FS LIQUID FUEL TANK				
<u>25</u>	2 of 32	NNW/216.7	250.9 / 1.03	SUNCOR ENERGY PRODUCTS PARTNERSHIP 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:	13353255			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:	FS Liquid Fuel Tank			Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Double Wall UST			Fuel Type2:	NULL
Install Date:	6/4/2009			Fuel Type3:	NULL
Install Year:	2002			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	50000			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	FS Gasoline Station - Self Serve				
Facility Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Device Installed Location:		623 YONGE ST BARRIE L4N 4E7 ON CA			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:		SUNCOR ENERGY PRODUCTS PARTNERSHIP			
Item:		FS LIQUID FUEL TANK			
25	3 of 32	NNW/216.7	250.9 / 1.03	SUNCOR ENERGY PRODUCTS PARTNERSHIP 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:		13353256		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:		FS Liquid Fuel Tank		Quantity:	
Item:				Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Gasoline
Tank Type:		Double Wall UST		Fuel Type2:	NULL
Install Date:		6/4/2009		Fuel Type3:	NULL
Install Year:		2002		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		50000		No Underground:	
Tank Material:		Fiberglass (FRP)		Panam Related:	
Corrosion Protect:		Fiberglass		Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Location:					
Device Installed Location:		623 YONGE ST BARRIE L4N 4E7 ON CA			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:		SUNCOR ENERGY PRODUCTS PARTNERSHIP			
Item:		FS LIQUID FUEL TANK			
25	4 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		10558914		Expired Date:	
Status:		EXPIRED		Max Hazard Rank:	
Instance ID:				Facility Location:	
Instance Type:				Facility Type:	
Instance Creation Dt:		7/19/2000 8:15:15 PM		Fuel Type 2:	
Instance Install Dt:		6/4/2009		Fuel Type 3:	
Item Description:		FS Liquid Fuel Tank		Panam Related:	
Manufacturer:		NULL		Panam Venue Nm:	
Model:		NULL		External Identifier:	
Serial No:		NULL		Item:	
ULC Standard:		NULL		Piping Steel:	
Quantity:		1		Piping Galvanized:	
Unit of Measure:		EA		Tank Single Wall St:	
Overfill Prot Type:		NULL		Piping Underground:	
Creation Date:		7/5/2009 1:19:54 AM		Tank Underground:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Next Periodic Str DT:		NULL		Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:		NULL			
TSSAMax Hazard Rank 1:		NULL			
TSSA Risk Based Periodic Yn:		NULL			
TSSA Volume of Directives:		NULL			
TSSA Periodic Exempt:		NULL			
TSSA Statutory Interval:		NULL			
TSSA Recd Insp Interva:		NULL			
TSSA Recd Tolerance:		NULL			
TSSA Program Area:		NULL			
TSSA Program Area 2:		NULL			
Description:		2009VBS			
Original Source:		EXP			
Record Date:		31-JUL-2020			

[25](#) 5 of 32 NNW/216.7 250.9 / 1.03 SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10559029	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	623 YONGE ST BARRIE L4N 4E7 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/4/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	
Creation Date:	7/5/2009 1:19:54 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	2009VBS Assumed to be correct		
Original Source:	EXP		
Record Date:	31-JUL-2020		

[25](#) 6 of 32 NNW/216.7 250.9 / 1.03 SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	10559046	Expired Date:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:		EXPIRED		Max Hazard Rank:	NULL
Instance ID:				Facility Location:	623 YONGE ST BARRIE L4N 4E7 ON CA
Instance Type:				Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:		7/19/2000 8:15:15 PM		Fuel Type 2:	NULL
Instance Install Dt:		6/4/2009		Fuel Type 3:	NULL
Item Description:		FS Liquid Fuel Tank		Panam Related:	NULL
Manufacturer:		NULL		Panam Venue Nm:	NULL
Model:		NULL		External Identifier:	NULL
Serial No:		NULL		Item:	
ULC Standard:		NULL		Piping Steel:	
Quantity:		1		Piping Galvanized:	
Unit of Measure:		EA		Tank Single Wall St:	
Overfill Prot Type:		NULL		Piping Underground:	
Creation Date:		7/5/2009 1:19:41 AM		Tank Underground:	
Next Periodic Str DT:		NULL		Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:		NULL			
TSSAMax Hazard Rank 1:		NULL			
TSSA Risk Based Periodic Yn:		NULL			
TSSA Volume of Directives:		NULL			
TSSA Periodic Exempt:		NULL			
TSSA Statutory Interval:		NULL			
TSSA Recd Insp Interva:		NULL			
TSSA Recd Tolerance:		NULL			
TSSA Program Area:		NULL			
TSSA Program Area 2:		NULL			
Description:		2009VBS			
		Assumed to be correct			
Original Source:		EXP			
Record Date:		31-JUL-2020			

25	7 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	DTNK
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Delisted Expired Fuel Safety
Facilities

<div> <div> Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: </div> <div> 10558869 EXPIRED 7/19/2000 8:15:15 PM 6/4/2009 FS Liquid Fuel Tank NULL NULL NULL NULL 1 EA NULL 7/5/2009 1:19:46 AM NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL </div> </div> <div> <div> Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: </div> <div> NULL 623 YONGE ST BARRIE L4N 4E7 ON CA FS LIQUID FUEL TANK NULL NULL NULL NULL NULL NULL NULL NULL NULL FS Liquid Fuel Tank </div> </div>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		2009VBS			
Original Source:		EXP			
Record Date:		31-JUL-2020			

25	8 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10559077	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	623 YONGE ST BARRIE L4N 4E7 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/4/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	
Creation Date:	7/5/2009 1:19:48 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	2009VBS		
	Assumed to be correct		
Original Source:	EXP		
Record Date:	31-JUL-2020		

25	9 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10558996	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	623 YONGE ST BARRIE L4N 4E7 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/4/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Unit of Measure: EA Overfill Prot Type: NULL Creation Date: 7/5/2009 1:19:49 AM Next Periodic Str DT: NULL TSSA Base Sched Cycle 2: NULL TSSAMax Hazard Rank 1: NULL TSSA Risk Based Periodic Yn: NULL TSSA Volume of Directives: NULL TSSA Periodic Exempt: NULL TSSA Statutory Interval: NULL TSSA Recd Insp Interva: NULL TSSA Recd Tolerance: NULL TSSA Program Area: NULL TSSA Program Area 2: NULL Description: 2009VBS Original Source: EXP Record Date: 31-JUL-2020 </div> <div> Tank Single Wall St: Piping Underground: Tank Underground: Source: FS Liquid Fuel Tank </div> </div>					
25	10 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
<div> <div> Instance No: 10559060 Status: EXPIRED Instance ID: Instance Type: Instance Creation Dt: 7/19/2000 8:15:15 PM Instance Install Dt: 6/4/2009 Item Description: FS Liquid Fuel Tank Manufacturer: NULL Model: NULL Serial No: NULL ULC Standard: NULL Quantity: 1 Unit of Measure: EA Overfill Prot Type: NULL Creation Date: 7/5/2009 1:19:50 AM Next Periodic Str DT: NULL TSSA Base Sched Cycle 2: NULL TSSAMax Hazard Rank 1: NULL TSSA Risk Based Periodic Yn: NULL TSSA Volume of Directives: NULL TSSA Periodic Exempt: NULL TSSA Statutory Interval: NULL TSSA Recd Insp Interva: NULL TSSA Recd Tolerance: NULL TSSA Program Area: NULL TSSA Program Area 2: NULL Description: 2009VBS Assumed to be correct Premium Original Source: EXP Record Date: 31-JUL-2020 </div> <div> Expired Date: Max Hazard Rank: NULL Facility Location: 623 YONGE ST BARRIE L4N 4E7 ON CA Facility Type: FS LIQUID FUEL TANK Fuel Type 2: NULL Fuel Type 3: NULL Panam Related: NULL Panam Venue Nm: NULL External Identifier: NULL Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source: FS Liquid Fuel Tank </div> </div>					
25	11 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	DTNK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:	10558951			Expired Date:	
Status:	EXPIRED			Max Hazard Rank:	NULL
Instance ID:				Facility Location:	623 YONGE ST BARRIE L4N 4E7 ON CA
Instance Type:				Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM			Fuel Type 2:	NULL
Instance Install Dt:	6/4/2009			Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank			Panam Related:	NULL
Manufacturer:	NULL			Panam Venue Nm:	NULL
Model:	NULL			External Identifier:	NULL
Serial No:	NULL			Item:	
ULC Standard:	NULL			Piping Steel:	
Quantity:	1			Piping Galvanized:	
Unit of Measure:	EA			Tank Single Wall St:	
Overfill Prot Type:	NULL			Piping Underground:	
Creation Date:	7/5/2009 1:19:52 AM			Tank Underground:	
Next Periodic Str DT:	NULL			Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL				
TSSA Max Hazard Rank 1:	NULL				
TSSA Risk Based Periodic Yn:	NULL				
TSSA Volume of Directives:	NULL				
TSSA Periodic Exempt:	NULL				
TSSA Statutory Interval:	NULL				
TSSA Recd Insp Interva:	NULL				
TSSA Recd Tolerance:	NULL				
TSSA Program Area:	NULL				
TSSA Program Area 2:	NULL				
Description:	2009VBS				
Original Source:	EXP				
Record Date:	31-JUL-2020				
25	12 of 32	NNW/216.7	250.9 / 1.03	United Petroleum Transport 623 Yonge Street Barrie ON	SPL
Ref No:	3055-9WH3V7			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	5/13/2015			Discharger Report:	
MOE Response:	N			Material Group:	
Dt MOE Arvl on Scn:				Health/Env Conseq:	
MOE Reported Dt:	5/13/2015			Agency Involved:	
Dt Document Closed:	5/30/2015				
Site No:	NA				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	Petro Canada<UNOFFICIAL>				
Site Address:	623 Yonge Street				
Site Region:					
Site Municipality:	Barrie				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:	4912409				
Easting:	607847				
Incident Cause:	Overflow/Surcharge				
Incident Event:					
Environment Impact:					
Nature of Impact:	Land				
Contaminant Qty:	100 L				
System Facility Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Name: United Petroleum Transport Client Type: Call Report Location Geodata: Contaminant Code: 12 Contaminant Name: GASOLINE Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Operator/Human Error Incident Summary: Petro Canada: 100 L of gasoline to grnd and catch basin Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Land Spills Source Type:					
25	13 of 32	NNW/216.7	250.9 / 1.03	Petro Canada Barrie Gas Retail<UNOFFICIAL> 623 Yonge Street Barrie ON	SPL
Ref No: 1721-9JX344 Year: Incident Dt: 2014/05/08 MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 2014/05/08 Dt Document Closed: 2014/11/07 Site No: NA Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Petro Canada 623 Yonge Street<UNOFFICIAL> Site Address: 623 Yonge Street Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Overflow/Surcharge Incident Event: Environment Impact: Not Anticipated Nature of Impact: Surface Water Pollution Contaminant Qty: 400 L System Facility Address: Client Name: Petro Canada Barrie Gas Retail<UNOFFICIAL> Client Type: Call Report Location Geodata: Contaminant Code: 44 Contaminant Name: SEWAGE,RAW UNCHLORINATED Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Maintenance Incident Summary: Petro Canada Barrie: surcharging sanitary sewer, repaired Activity Preceding Spill:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Sewer (Private or Municipal) SAC Action Class: Watercourse Spills Source Type:					
25	14 of 32	NNW/216.7	250.9 / 1.03	623 YONGE STREET, BARRIE ON	INC
Incident No: 1641614 Incident ID: Instance No: Status Code: Attribute Category: FS-Perform L1 Incident Insp Context: Date of Occurrence: 2015/05/13 00:00:00 Time of Occurrence: 20:10:00 Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: 2015/05/14 00:00:00 Approx Quant Rel: Tank Capacity: Fuels Occur Type: Liquid Petroleum Spill Fuel Type Involved: Gasoline Enforcement Policy: NULL Prc Escalation Req: NULL Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: 5508007 Notes: Drainage System: Sub Surface Contam.: Aff Prop Use Water: Contam. Migrated: Contact Natural Env: Incident Location: 623 YONGE STREET, BARRIE - SPILL Occurrence Narrative: UST OVERFILL DURING DELIVERY Operation Type Involved: Retail Fuel Station (FS, SS, Multifunctional) Item: Item Description: Device Installed Location:					
25	15 of 32	NNW/216.7	250.9 / 1.03	Petro-Canada Inc. 623 Yonge Street Barrie ON L6L 6N5	ECA
Approval No: 6760-57HQQ5 Approval Date: 2002-02-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Lakes Simcoe and Couchiching/Black River Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: Petro-Canada Inc. Address: 623 Yonge Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4744-56MLS8-14.pdf PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	16 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products 623 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9217627 447110 447110 2016 Canada Anita Langley CO_ADMIN 9057940168 Ext.23 No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		221 LIGHT FUELS			
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
25	17 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products 623 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON9217627 447110 447110 2015 Canada Anita Langley CO_ADMIN 9057940168 Ext.23 No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
Waste Class: Waste Class Name:		221 LIGHT FUELS			
25	18 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products 623 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON9217627 447110 447110 2014 Canada			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Anita Langley Choice of Contact: CO_ADMIN Phone No Admin: 9057940168 Ext.23 Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES Waste Class: 221 Waste Class Name: LIGHT FUELS					
25	19 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products 623 Yonge Street Barrie ON L4N4E4	GEN
Generator No: ON9217627 SIC Code: SIC Description: Approval Years: As of Dec 2018 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 221 L Waste Class Name: Light fuels Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
25	20 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products Partnership 623 Yonge Street Barrie ON L4N4E7	GEN
Generator No: ON9217627 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221 I			
Waste Class Name:		Light fuels			
Waste Class:		221 L			
Waste Class Name:		Light fuels			
25	21 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST.,BARRIE,ON,L4N 4E7,CA ON	INC
Incident No:		1641614		Any Health Impact:	
Incident ID:				Any Enviro Impact:	
Instance No:				Service Interrupted:	
Status Code:				Was Prop Damaged:	
Attribute Category:		FS-Incident		Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:		5/14/2015		Indus App. Type:	
Time of Occurrence:				Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:				Pipeline Type:	
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material:	
Fuels Occur Type:				Depth Ground Cover:	
Fuel Type Involved:				Regulator Location:	
Enforcement Policy:				Regulator Type:	
Prc Escalation Req:				Operation Pressure:	
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:				Equipment Type:	
Notes:				Equipment Model:	
Drainage System:				Serial No:	
Sub Surface Contam.:				Cylinder Capacity:	
Aff Prop Use Water:				Cylinder Cap Units:	
Contam. Migrated:				Cylinder Mat Type:	
Contact Natural Env:				Near Body of Water:	
Incident Location:		623 YONGE ST.,BARRIE,ON,L4N 4E7,CA			
Occurence Narrative:					
Operation Type Involved:					
Item:		FS GASOLINE STATION - SPLIT SERVE			
Item Description:					
Device Installed Location:					

25	22 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:		10558914		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Gasoline
Tank Type:		Liquid Fuel Single Wall UST		Fuel Type2:	NULL
Install Date:		6/4/2009		Fuel Type3:	NULL
Install Year:		1992		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		22728		No Underground:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Material: Fiberglass (FRP) Corrosion Protect: Fiberglass Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 623 YONGE ST BARRIE L4N 4E7 ON CA Panam Related: Panam Venue:					
Liquid Fuel Tank Details					
Overfill Protection: Owner Account Name: SIMSAK CORPORATION Item: FS LIQUID FUEL TANK					
25	23 of 32	NNW/216.7	250.9 / 1.03	623 YONGE ST BARRIE ON L4N 4E7	DTNK
Delisted Fuel Storage Tank					
Instance No: 64661185 Status: Active Instance Type: Fuel Type: Cont Name: Capacity: Tank Material: Corrosion Prot: Tank Type: Install Year: Facility Type: Device Installed Loc: Fuel Type 2: Fuel Type 3: Item: FS GASOLINE STATION - SELF SERVE Item Description: Model: Description: Instance Creation Dt: Instance Install Dt: Manufacturer: Serial No: ULC Standard: Quantity: Unit of Measure: Parent Fac Type: TSSA Base Sched Cycle 1: TSSA Base Sched Cycle 2: Original Source: FST Record Date: 31-MAY-2021 Creation Date: Overfill Prot Type: Facility Location: Piping SW Steel: 0 Piping SW Galvan: 0 Tanks SW Steel: 0 Piping Underground: 2 No Underground: 3 Max Hazard Rank: Max Hazard Rank 1: Nxt Period Start Dt: Program Area 1: Program Area 2: Nxt Period Strt Dt 2: Risk Based Periodic: Vol of Directives: Years in Service: Created Date: Federal Device: Periodic Exempt: Statutory Interval: Rcomnd Insp Interval: Recommended Toler: Panam Venue Name: External Identifier:					
25	24 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No: 10559060 Status: Cont Name: Instance Type: Item: Item Description: FS Liquid Fuel Tank Tank Type: Liquid Fuel Single Wall UST Install Date: 6/4/2009 Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Install Year:	NULL			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22755			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Sacrificial anode			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	623 YONGE ST BARRIE L4N 4E7 ON CA				

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SIMSAK CORPORATION
Item: FS LIQUID FUEL TANK

25	25 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:	10559046			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/4/2009			Fuel Type3:	NULL
Install Year:	NULL			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22755			No Underground:	
Tank Material:	Steel			Panam Related:	
Corrosion Protect:	Sacrificial anode			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	623 YONGE ST BARRIE L4N 4E7 ON CA				

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SIMSAK CORPORATION
Item: FS LIQUID FUEL TANK

25	26 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:	10559029			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/4/2009			Fuel Type3:	NULL
Install Year:	NULL			Piping Steel:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Years in Service: Model: NULL Description: Capacity: 22755 Tank Material: Steel Corrosion Protect: Sacrificial anode Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 623 YONGE ST BARRIE L4N 4E7 ON CA Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue:					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: SIMSAK CORPORATION Item: FS LIQUID FUEL TANK					
25	27 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No: 10558869 Status: Cont Name: Instance Type: Item: Item Description: FS Liquid Fuel Tank Tank Type: Liquid Fuel Single Wall UST Install Date: 6/4/2009 Install Year: 1982 Years in Service: Model: NULL Description: Capacity: 45460 Tank Material: Fiberglass (FRP) Corrosion Protect: Fiberglass Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 623 YONGE ST BARRIE L4N 4E7 ON CA Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Gasoline Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: No Underground: Panam Related: Panam Venue:					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: SIMSAK CORPORATION Item: FS LIQUID FUEL TANK					
25	28 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No: 10558996 Status: Cont Name: Instance Type: Item: Item Description: FS Liquid Fuel Tank Tank Type: Liquid Fuel Single Wall UST Install Date: 6/4/2009 Install Year: 1992 Years in Service: Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Diesel Fuel Type2: NULL Fuel Type3: NULL Piping Steel: Piping Galvanized:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	22728			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	623 YONGE ST BARRIE L4N 4E7 ON CA				

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SIMSAK CORPORATION
Item: FS LIQUID FUEL TANK

25	29 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:	10558951			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/4/2009			Fuel Type3:	NULL
Install Year:	1992			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	31819			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	623 YONGE ST BARRIE L4N 4E7 ON CA				

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SIMSAK CORPORATION
Item: FS LIQUID FUEL TANK

25	30 of 32	NNW/216.7	250.9 / 1.03	SIMSAK CORPORATION 623 YONGE ST BARRIE L4N 4E7 ON CA ON	FST
Instance No:	10559077			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Diesel
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/4/2009			Fuel Type3:	NULL
Install Year:	NULL			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description: Capacity: 22755 Tank Material: Steel Corrosion Protect: Sacrificial anode Overfill Protect: Facility Type: FS Liquid Fuel Tank Parent Facility Type: Facility Location: Device Installed Location: 623 YONGE ST BARRIE L4N 4E7 ON CA					
Piping Underground: No Underground: Panam Related: Panam Venue:					
<u>Liquid Fuel Tank Details</u>					
Overfill Protection: Owner Account Name: SIMSAK CORPORATION Item: FS LIQUID FUEL TANK					
25	31 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products Partnership 623 Yonge Street Barrie ON L4N4E7	GEN
Generator No: ON9217627 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
Waste Class: 221 I Waste Class Name: Light fuels					
Waste Class: 221 L Waste Class Name: Light fuels					
25	32 of 32	NNW/216.7	250.9 / 1.03	Suncor Energy Products Partnership 623 Yonge Street Barrie ON L4N4E7	GEN
Generator No: ON9217627 SIC Code: SIC Description: Approval Years: As of Oct 2022 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div>Waste Class: 221 I</div> <div>Waste Class Name: LIGHT FUELS</div> </div> <div> <div>Waste Class: 251 L</div> <div>Waste Class Name: OIL SKIMMINGS & SLUDGES</div> </div> <div> <div>Waste Class: 221 L</div> <div>Waste Class Name: LIGHT FUELS</div> </div>					
26	1 of 1	ENE/218.4	254.0 / 4.15	200 Montgomery Drive Barrie ON L4N 4G8	EHS
<div> <div>Order No: 20020614012w</div> <div>Status: C</div> <div>Report Type: Online Mapless Report</div> <div>Report Date: 6/14/02</div> <div>Date Received: 6/14/02</div> <div>Previous Site Name:</div> <div>Lot/Building Size:</div> <div>Additional Info Ordered:</div> </div> <div> <div>Nearest Intersection:</div> <div>Municipality:</div> <div>Client Prov/State: ON</div> <div>Search Radius (km): 0.25</div> <div>X: 0</div> <div>Y: 0</div> </div>					
27	1 of 1	NNW/223.4	249.9 / 0.00	644 YONGE ST Barrie ON	WWIS
<div> <div>Well ID: 7228530</div> <div>Construction Date:</div> <div>Use 1st: Monitoring and Test Hole</div> <div>Use 2nd: 0</div> <div>Final Well Status: Observation Wells</div> <div>Water Type:</div> <div>Casing Material:</div> <div>Audit No: Z195689</div> <div>Tag: A167825</div> <div>Constructn Method:</div> <div>Elevation (m):</div> <div>Elevatn Reliability:</div> <div>Depth to Bedrock:</div> <div>Well Depth:</div> <div>Overburden/Bedrock:</div> <div>Pump Rate:</div> <div>Static Water Level:</div> <div>Clear/Cloudy:</div> <div>Municipality: INNISFIL TOWNSHIP</div> <div>Site Info:</div> </div> <div> <div>Flowing (Y/N):</div> <div>Flow Rate:</div> <div>Data Entry Status:</div> <div>Data Src:</div> <div>Date Received: 09/30/2014</div> <div>Selected Flag: TRUE</div> <div>Abandonment Rec:</div> <div>Contractor: 7241</div> <div>Form Version: 7</div> <div>Owner:</div> <div>County: SIMCOE</div> <div>Lot:</div> <div>Concession:</div> <div>Concession Name:</div> <div>Easting NAD83:</div> <div>Northing NAD83:</div> <div>Zone:</div> <div>UTM Reliability:</div> </div>					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
<div> <div>Well Completed Date: 08/29/2014</div> <div>Year Completed: 2014</div> <div>Depth (m): 6.096</div> <div>Latitude: 44.3567280829213</div> <div>Longitude: -79.6479256067225</div> <div>Path:</div> </div>					
<u>Bore Hole Information</u>					
<div> <div>Bore Hole ID: 1005144505</div> <div>DP2BR:</div> <div>Spatial Status:</div> </div> <div> <div>Elevation:</div> <div>Elevrc:</div> <div>Zone: 17</div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	607750.00
Code OB Desc:				North83:	4912384.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	08/29/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431349			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431348			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		28			
Mat3 Desc:		SAND			
Formation Top Depth:		5.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431346			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005431347			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431357			
Layer:		1			
Plug From:		20.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431358			
Layer:		2			
Plug From:		9.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431359			
Layer:		3			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005431356			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005431345			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1005431352			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005431353			
Layer:		1			
Slot:		.10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Water Details</u>					
Water ID:		1005431351			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1005431350			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1005144505			Tag No:	A167825
Depth M:	6.096			Contractor:	7241
Year Completed:	2014			Latitude:	44.3567280829213
Well Completed Dt:	08/29/2014			Longitude:	-79.6479256067225
Audit No:	Z195689			Y:	44.35672808172548
Path:	722\7228530.pdf			X:	-79.64792545428048
28	1 of 1	ENE/226.4	255.2 / 5.31	lot 13 con 12 ON	WWIS
Well ID:	5701462			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1961
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:			Contractor:	4102	
Tag:			Form Version:	1	
Constructn Method:			Owner:		
Elevation (m):			County:	SIMCOE	
Elevatn Reliabilty:			Lot:	013	
Depth to Bedrock:			Concession:	12	
Well Depth:			Concession Name:	CON	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:					
Site Info:					
INNISFIL TOWNSHIP					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701462.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/16/1960			
Year Completed:		1960			
Depth (m):		8.5344			
Latitude:		44.355702273726			
Longitude:		-79.6434143593009			
Path:		570\5701462.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379355		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				608111.40	
Cluster Kind:				North83:	
Date Completed:		12/16/1960		4912276.00	
Remarks:				Org CS:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		UTMRC:	
Elevrc Desc:				5	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 100 m - 300 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p5	
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261195			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932261196			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701462			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927925			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627211			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		28.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701462			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:	933860818				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	20.0				
Water Found Depth UOM:	ft				
Links					
Bore Hole ID:	10379355			Tag No:	
Depth M:	8.5344			Contractor:	4102
Year Completed:	1960			Latitude:	44.355702273726
Well Completed Dt:	12/16/1960			Longitude:	-79.6434143593009
Audit No:				Y:	44.3557022731195
Path:	570\5701462.pdf			X:	-79.64341420629644
29	1 of 2	NE/229.7	252.3 / 2.46	649 Yonge Street Barrie ON L4N 4E7	EHS
Order No:	20310200132			Nearest Intersection:	
Status:	C			Municipality:	Barrie
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	05-NOV-20			Search Radius (km):	.25
Date Received:	02-NOV-20			X:	-79.6448553
Previous Site Name:				Y:	44.3566631
Lot/Building Size:	3.9 AC				
Additional Info Ordered:					
29	2 of 2	NE/229.7	252.3 / 2.46	649 Yonge Street Barrie ON L4N 4E7	EHS
Order No:	20310200132			Nearest Intersection:	
Status:	C			Municipality:	Barrie
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	05-NOV-20			Search Radius (km):	.25
Date Received:	02-NOV-20			X:	-79.6448553
Previous Site Name:				Y:	44.3566631
Lot/Building Size:	3.9 AC				
Additional Info Ordered:					
30	1 of 11	NE/231.9	251.8 / 1.89	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY) 649 YONGE ST BARRIE ON L4N 4E7	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession: Region: District: County: Trade Name: PDF URL:					
Op Municipality: Post Office Box: MOE District: SWP Area Name:					
30	2 of 11	NE/231.9	251.8 / 1.89	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY) 649 YONGE ST BARRIE ON L4N 4E7	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:					
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:					
30	3 of 11	NE/231.9	251.8 / 1.89	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY) 649 YONGE ST BARRIE ON L4N 4E7	PES
Detail Licence No: 23-01-12771-0 Licence No: Status: Approval Date: Report Source: Licence Type: LIMITED Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:					
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:					
30	4 of 11	NE/231.9	251.8 / 1.89	SHOPPERS DRUG MART #1210 (YONGE & BIG BAY) 649 YONGE ST BARRIE ON L4N4E7	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail Licence No: Licence No: 12771 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:				Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 705 Oper Phone No: 7924388 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

30	5 of 11	NE/231.9	251.8 / 1.89	Tracy Wiersema Pharmacy Ltd. 649 YONGE ST BARRIE ON L4N 4E7	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:	 	 			
Detail(s)					
Waste Class: Waste Class Name:	 	 			
Waste Class: Waste Class Name:	 	 			

30	6 of 11	NE/231.9	251.8 / 1.89	Tracy Wiersema Pharmacy Ltd. 649 YONGE ST BARRIE ON L4N 4E7	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:	 	 			
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		261 PHARMACEUTICALS			
Waste Class: Waste Class Name:		312 PATHOLOGICAL WASTES			
30	7 of 11	NE/231.9	251.8 / 1.89	Tracy Wiersema Pharmacy Ltd. 649 YONGE ST BARRIE ON L4N 4E7	GEN
Generator No:		ON7340135			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
30	8 of 11	NE/231.9	251.8 / 1.89	TRACY WIERSEMA PHARMACY LTD 649 YONGE STREET BARRIE ON L4N 4E7	PES
Detail Licence No:				Operator Box:	
Licence No:		L-232-1103841898		Operator Class:	
Status:		Active		Operator No:	
Approval Date:		2019-01-07		Operator Type:	
Report Source:		PEST-Limited Vendor		Oper Area Code:	
Licence Type:		Limited Vendor		Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:		44.35638889		Operator Region:	
Longitude:		-79.64472222		Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	Barrie
County:				SWP Area Name:	Lakes Simcoe and Couchiching/Black River
Trade Name:					
PDF URL:		http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2115223			
30	9 of 11	NE/231.9	251.8 / 1.89	Tracy Wiersema Pharmacy Ltd. 649 YONGE ST BARRIE ON L4N 4E7	GEN
Generator No:		ON7340135			
SIC Code:					
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 261 A Waste Class Name: Pharmaceuticals Waste Class: 312 P Waste Class Name: Pathological wastes					
30	10 of 11	NE/231.9	251.8 / 1.89	Tracy Wiersema Pharmacy Ltd. 649 YONGE ST BARRIE ON L4N 4E7	GEN
Generator No: ON7340135 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 261 A Waste Class Name: Pharmaceuticals Waste Class: 312 P Waste Class Name: Pathological wastes					
30	11 of 11	NE/231.9	251.8 / 1.89	Tracy Wiersema Pharmacy Ltd. 649 YONGE ST BARRIE ON L4N 4E7	GEN
Generator No: ON7340135 SIC Code: SIC Description: Approval Years: As of Oct 2022 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		261 A			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312 P			
Waste Class Name:		PATHOLOGICAL WASTES			

31	1 of 1	NE/232.2	254.9 / 5.00	lot 13 con 12 ON	WWIS
Well ID:	5705576			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/06/1969
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5705576.pdf				

Additional Detail(s) (Map)

Well Completed Date:	11/12/1968
Year Completed:	1968
Depth (m):	11.5824
Latitude:	44.3562208101098
Longitude:	-79.6438666731513
Path:	570\5705576.pdf

Bore Hole Information

Bore Hole ID:	10383458	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	608074.40
Code OB Desc:		North83:	4912333.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	11/12/1968	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		932278403			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		37.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932278404			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		37.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965705576			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10932028			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930632369			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:					
995705576					
Pump Set At:					
Static Level:					
3.0					
Final Level After Pumping:					
30.0					
Recommended Pump Depth:					
27.0					
Pumping Rate:					
7.0					
Flowing Rate:					
Recommended Pump Rate:					
5.0					
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:					
No					
Water Details					
Water ID:					
933864904					
Layer:					
1					
Kind Code:					
1					
Kind:					
FRESH					
Water Found Depth:					
38.0					
Water Found Depth UOM:					
ft					
Links					
Bore Hole ID:					
10383458					
Depth M:					
11.5824					
Year Completed:					
1968					
Well Completed Dt:					
11/12/1968					
Audit No:					
Path:					
570\5705576.pdf					
Tag No:					
Contractor:					
2514					
Latitude:					
44.3562208101098					
Longitude:					
-79.6438666731513					
Y:					
44.35622080871258					
X:					
-79.6438665204254					
32	1 of 1	NE/243.9	254.6 / 4.77	lot 13 con 12 ON	WWIS
Well ID:					
5701474					
Construction Date:					
Use 1st:					
Domestic					
Use 2nd:					
0					
Final Well Status:					
Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality:					
INNISFIL TOWNSHIP					
Site Info:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src:					
1					
Date Received:					
02/07/1968					
Selected Flag:					
TRUE					
Abandonment Rec:					
Contractor:					
4715					
Form Version:					
1					
Owner:					
County:					
SIMCOE					
Lot:					
013					
Concession:					
12					
Concession Name:					
CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
PDF URL (Map):					
https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701474.pdf					
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Well Completed Date:		12/14/1967			
Year Completed:		1967			
Depth (m):		13.716			
Latitude:		44.3564015633014			
Longitude:		-79.6439252441836			
Path:		570\5701474.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10379367			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608069.40
Code OB Desc:				North83:	4912353.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/14/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261233				
Layer:	3				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	44.0				
Formation End Depth:	45.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261232				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:	11				
Mat3 Desc:	GRAVEL				
Formation Top Depth:	4.0				
Formation End Depth:	44.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932261231			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701474			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927937			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627223			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		45.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701474			
Pump Set At:					
Static Level:		7.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:	933860830				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	44.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10379367			Tag No:	
Depth M:	13.716			Contractor:	4715
Year Completed:	1967			Latitude:	44.3564015633014
Well Completed Dt:	12/14/1967			Longitude:	-79.6439252441836
Audit No:				Y:	44.356401561735844
Path:	570\5701474.pdf			X:	-79.64392509144474
<u>33</u>	1 of 1	NW/246.5	249.7 / -0.14	644 YONGE ST Barrie ON	WWIS
Well ID:	7228529			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Observation Wells			Date Received:	09/30/2014
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z195669			Contractor:	7241
Tag:	A170485			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/29/2014				
Year Completed:	2014				
Depth (m):	6.096				
Latitude:	44.3567077634862				
Longitude:	-79.648490742779				
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005144502			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607705.00
Code OB Desc:				North83:	4912381.00
Open Hole:				Org CS:	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	08/29/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	WWF
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431286			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431289			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005431287			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005431288			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		28			
Mat3 Desc:		SAND			
Formation Top Depth:		5.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431297			
Layer:		1			
Plug From:		20.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431299			
Layer:		3			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005431298			
Layer:		2			
Plug From:		9.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005431296			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005431285			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 1005431292					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0.0					
Depth To: 10.0					
Casing Diameter: 2.0					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 1005431293					
Layer: 1					
Slot: .10					
Screen Top Depth: 10.0					
Screen End Depth: 20.0					
Screen Material: 5					
Screen Depth UOM: ft					
Screen Diameter UOM: inch					
Screen Diameter: 2.25					
<u>Water Details</u>					
Water ID: 1005431291					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1005431290					
Diameter: 6.0					
Depth From: 0.0					
Depth To: 20.0					
Hole Depth UOM: ft					
Hole Diameter UOM: inch					
<u>Links</u>					
Bore Hole ID:	1005144502			Tag No:	A170485
Depth M:	6.096			Contractor:	7241
Year Completed:	2014			Latitude:	44.3567077634862
Well Completed Dt:	08/29/2014			Longitude:	-79.648490742779
Audit No:	Z195669			Y:	44.35670776207201
Path:	722\7228529.pdf			X:	-79.6484905905346
34	1 of 1	ENE/247.5	255.2 / 5.31	lot 13 con 13 ON	WWIS
Well ID:	5737208			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Abandoned-Other			Date Received:	09/13/2002
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	246407			Contractor:	2513
Tag:				Form Version:	1
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):			County:	SIMCOE	
Elevatn Reliabilty:			Lot:	013	
Depth to Bedrock:			Concession:	13	
Well Depth:			Concession Name:	CON	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5737208.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/18/2002			
Year Completed:		2002			
Depth (m):					
Latitude:		44.3561719494506			
Longitude:		-79.6435428050157			
Path:		573\5737208.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10535414	Elevation:		
DP2BR:			Elevrc:		
Spatial Status:			Zone:	17	
Code OB:			East83:	608100.30	
Code OB Desc:			North83:	4912328.00	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed:		07/18/2002	UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	gis	
Loc Method Desc:		from gis			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965737208			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11083984			
Casing No:		1			
Comment:					
Alt Name:					
<u>Links</u>					
Bore Hole ID:		10535414	Tag No:		
Depth M:			Contractor:	2513	
Year Completed:		2002	Latitude:	44.3561719494506	
Well Completed Dt:		07/18/2002	Longitude:	-79.6435428050157	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:	246407			Y:	44.356171948153296
Path:	573\5737208.pdf			X:	-79.64354265272104
35	1 of 13	NNW/252.4	249.9 / 0.00	SHELL CANADA PRODUCTS LTD. BIG BAY POINT RD./YONGE ST. BARRIE CITY ON	CA
Certificate #: 3-1346-92- Application Year: 92 Issue Date: 10/19/1992 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
35	2 of 13	NNW/252.4	249.9 / 0.00	HERITAGE GLEN NORTH LTD. KINGSWOOD SUBD. YONGE ST. BIG BAY POINT RD. BARRIE CITY ON	CA
Certificate #: 7-1539-89- Application Year: 89 Issue Date: 9/18/1989 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
35	3 of 13	NNW/252.4	249.9 / 0.00	LANCE GATE DEVELOPMENTS INC. BIG BAY POINT RD./YONGE ST. BARRIE CITY ON	CA
Certificate #: 3-0465-95- Application Year: 95 Issue Date: 5/18/1995 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
35	4 of 13	NNW/252.4	249.9 / 0.00	SIMCOE COUNTY R.C. SEP. SCH. BOARD BIG BAY POINT RD/YONGE ST.	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
BARRIE CITY ON					
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3-0694-95-95 6/22/1995 Municipal sewage Approved			
35	5 of 13	NNW/252.4	249.9 / 0.00	The Corporation of the City of Barrie Big Bay Point and Yonge Street<UNOFFICIAL> Barrie ON	SPL
Ref No: Year: Incident Dt: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed:		0487-6FZP4K 9/7/2005 9/7/2005 9/7/2005 0487-6FZP4K Barrie Big Bay Point and Yonge Street<UNOFFICIAL> Barrie Barrie Overflow (Tanks Lagoons) Not Anticipated Soil Contamination; Surface Water Pollution 20 The Corporation of the City of Barrie SEWAGE,RAW UNCHLORINATED Land & Water Process upset Barrie: manhole overflow from blockage, some to c/b			
Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:		0 Waste			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sector Type:		Sewer			
SAC Action Class:		Sewage Bypasses / Overflows			
Source Type:					
35	6 of 13	NNW/252.4	249.9 / 0.00	Yonge Street and Big Bay Point Road<UNOFFICIAL> Barrie ON	SPL
Ref No:		5276-6HBP4P		Municipality No:	
Year:				Nature of Damage:	
Incident Dt:		10/19/2005		Discharger Report:	
MOE Response:				0	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:		10/19/2005		Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:		Barrie			
Nearest Watercourse:					
Site Name:		Yonge Street and Big Bay Point Road<UNOFFICIAL>			
Site Address:					
Site Region:					
Site Municipality:		Barrie			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:					
Incident Event:					
Environment Impact:		Not Anticipated			
Nature of Impact:					
Contaminant Qty:					
System Facility Address:					
Client Name:					
Client Type:					
Call Report Location Geodata:					
Contaminant Code:					
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Air			
Receiving Environment:					
Incident Reason:					
Incident Summary:		Natural Gas main line struck, Barrie			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Other			
SAC Action Class:		Air Spills - Gases and Vapours			
Source Type:					
35	7 of 13	NNW/252.4	249.9 / 0.00	The Corporation of the City of Barrie Yonge Street and Big Bay Point Road Barrie ON	CA
Certificate #:		6044-64VLHK			
Application Year:		2004			
Issue Date:		9/23/2004			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		Municipal and Private Sewage Works Approved			
35	8 of 13	NNW/252.4	249.9 / 0.00	Yonge Street & Big Bay Point Road Barrie ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20130110019 C Standard Report 21-JAN-13 10-JAN-13 Warnica School - Simcoe Board of Education		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				County of Simcoe ON .25 -79.64806 44.3575	
35	9 of 13	NNW/252.4	249.9 / 0.00	The Corporation of the City of Barrie Big Bay Point and Yonge Street (NE Corner) Barrie ON	SPL
Ref No: Year: Incident Dt: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1:		8532-96KRVS 08-APR-13 08-APR-13 Intersection NE Corner<UNOFFICIAL> Big Bay Point and Yonge Street (NE Corner) Barrie		Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:	
				 Overflow/Surcharge Confirmed Soil Contamination 0 other - see incident description The Corporation of the City of Barrie	
				 44 SEWAGE,RAW UNCHLORINATED	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Blockage Incident Summary: City of Barrie: Raw unchlorinated sewage to ground Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Sewer (Private or Municipal) SAC Action Class: Land Spills Source Type:					
35	10 of 13	NNW/252.4	249.9 / 0.00	SW corner of Yonge St and Big Bay Point Rd Barrie ON	SPL
Ref No: 5731-9WF92U Year: Incident Dt: 5/12/2015 MOE Response: N Dt MOE Arvl on Scn: MOE Reported Dt: 5/12/2015 Dt Document Closed: 5/13/2015 Site No: NA Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Motor Fluids to Rdway<UNOFFICIAL> Site Address: SW corner of Yonge St and Big Bay Point Rd Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Operator/Human error Incident Event: Environment Impact: Nature of Impact: Land Contaminant Qty: 20 L System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: 15 Contaminant Name: MOTOR OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Operator/Human Error Incident Summary: City of Barrie: 20 L motor fluids to rdway- Clnd. Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Land Spills Source Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	11 of 13	NNW/252.4	249.9 / 0.00	Yonge and Big Bay Point Barrie ON	SPL
<div> <div> Ref No: 4454-AF6QFV Year: Incident Dt: 2016/10/28 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/10/28 Dt Document Closed: 2016/11/23 Site No: NA Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Intersection and CB<UNOFFICIAL> Site Address: Yonge and Big Bay Point Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: GPS Site Map Datum: Northing: 4912417 Easting: 607746 Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: 27 Contaminant Name: COOLANT (N.O.S.) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Land Incident Reason: Equipment Failure Incident Summary: City of Barrie: unkn vol operating fluids to rd, cb responding Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Unknown / N/A SAC Action Class: Primary Assessment of Spills Source Type: </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved: </div> </div>					
35	12 of 13	NNW/252.4	249.9 / 0.00	The Corporation of the City of Barrie Yonge Street and Big Bay Point Road Barrie ON L4M 4Z2	ECA
<div> <div> Approval No: 6044-64VLHK Approval Date: 2004-09-23 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Lakes Simcoe and Couchiching/Black River Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: The Corporation of the City of Barrie Address: Yonge Street and Big Bay Point Road </div> <div> MOE District: Barrie City: Longitude: -79.6486 Latitude: 44.3635 Geometry X: Geometry Y: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6113-5ZMKYN-14.pdf PDF Site Location:					
35	13 of 13	NNW/252.4	249.9 / 0.00	The Corporation of the City of Barrie SE Corner of Yonge St and Big Bay Point Rd Barrie ON	SPL
Ref No: 1668-BAXKKQ Year: Incident Dt: 4/5/2019 MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 4/5/2019 Dt Document Closed: Site No: NA Site County/District: County of Simcoe Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: Watermain Break<UNOFFICIAL> Site Address: SE Corner of Yonge St and Big Bay Point Rd Site Region: Central Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 L System Facility Address: Client Name: The Corporation of the City of Barrie Client Type: Municipal Government Call Report Location Geodata: Contaminant Code: 43 Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: n/a Receiving Medium: Receiving Environment: Surface Water Incident Reason: Unknown / N/A Incident Summary: City of Barrie: Watermain Break - Discharge into Lovers Creek Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Communal SAC Action Class: Watercourse Spills Source Type: Water Supply					
36	1 of 1	NNE/252.8	251.9 / 2.00	lot 13 con 12 ON	WWIS
Well ID: 5701471 Construction Date: Use 1st: Domestic Use 2nd: 0 Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Well Status:	Water Supply			Date Received:	01/19/1965
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701471.pdf				
 <u>Additional Detail(s) (Map)</u>					
Well Completed Date:	12/11/1964				
Year Completed:	1964				
Depth (m):	15.8496				
Latitude:	44.3570761614818				
Longitude:	-79.645390379065				
Path:	570\5701471.pdf				
 <u>Bore Hole Information</u>					
Bore Hole ID:	10379364			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607951.40
Code OB Desc:				North83:	4912426.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/11/1964			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261222				
Layer:	4				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	51.0				
Formation End Depth:	52.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261221			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		48.0			
Formation End Depth:		51.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261220			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261219			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701471			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10927934			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627220			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		52.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701471			
Pump Set At:					
Static Level:		27.0			
Final Level After Pumping:		46.0			
Recommended Pump Depth:		46.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
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:		No			
<u>Water Details</u>					
Water ID:		933860827			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10379364			Tag No:	
Depth M:	15.8496			Contractor:	1614
Year Completed:	1964			Latitude:	44.3570761614818
Well Completed Dt:	12/11/1964			Longitude:	-79.645390379065
Audit No:				Y:	44.35707616005295
Path:	570\5701471.pdf			X:	-79.64539022607298
<hr/>					
37	1 of 1	ENE/254.5	255.9 / 6.03	lot 13 con 12 ON	WWIS
Well ID:	7409333			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:				Date Received:	01/31/2022
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	C49783			Contractor:	7725
Tag:	A297072			Form Version:	8
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					

Bore Hole Information

Bore Hole ID:	1008940049	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	608124.00
Code OB Desc:		North83:	4912309.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/09/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008940049	Tag No:	A297072
Depth M:		Contractor:	7725
Year Completed:	2021	Latitude:	44.3559974098962
Well Completed Dt:	12/09/2021	Longitude:	-79.6432494436184
Audit No:	C49783	Y:	44.3559974087024
Path:		X:	-79.64324929180555

38	1 of 2	NE/256.7	254.6 / 4.77	lot 13 con 12 ON	WWIS
Well ID:		5711645	Flowing (Y/N):		
Construction Date:			Flow Rate:		
Use 1st:		Domestic	Data Entry Status:		
Use 2nd:		0	Data Src:		1
Final Well Status:		Water Supply	Date Received:		11/29/1974
Water Type:			Selected Flag:		TRUE
Casing Material:			Abandonment Rec:		
Audit No:			Contractor:		2514
Tag:			Form Version:		1
Constructn Method:			Owner:		
Elevation (m):			County:		SIMCOE
Elevatn Reliabilty:			Lot:		013
Depth to Bedrock:			Concession:		12
Well Depth:			Concession Name:		CON
Overburden/Bedrock:			Easting NAD83:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5711645.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/11/1974			
Year Completed:		1974			
Depth (m):		20.7264			
Latitude:		44.3565823164618			
Longitude:		-79.6439838155634			
Path:		571\5711645.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10389439		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608064.40
Code OB Desc:				North83:	4912373.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		07/11/1974		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303576			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		18.0			
Formation End Depth:		68.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303574			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303573			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		01			
Mat2 Desc:		FILL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932303575			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		2.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965711645			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10938009			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930639221			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		56.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930639222			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		68.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995711645			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:		58.0			
Recommended Pump Depth:		55.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935091519			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934574729			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934299262			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		32.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934825180				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	14.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933871489				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	40.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10389439			Tag No:	
Depth M:	20.7264			Contractor:	2514
Year Completed:	1974			Latitude:	44.3565823164618
Well Completed Dt:	07/11/1974			Longitude:	-79.6439838155634
Audit No:				Y:	44.35658231484379
Path:	571\5711645.pdf			X:	-79.64398366336238
<hr/>					
38	2 of 2	NE/256.7	254.6 / 4.77	lot 13 con 12 ON	WWIS
Well ID:	5717858			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/18/1982
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5717858.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	07/15/1981				
Year Completed:	1981				
Depth (m):	18.288				
Latitude:	44.3565823164618				
Longitude:	-79.6439838155634				
Path:	571\5717858.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10395546			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608064.40
Code OB Desc:				North83:	4912373.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	07/15/1981			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932330942				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:	28				
Mat3 Desc:	SAND				
Formation Top Depth:	22.0				
Formation End Depth:	40.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932330940				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	1.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932330943				
Layer:	4				
Color:	4				
General Color:	GREEN				
Mat1:	10				
Most Common Material:	COARSE SAND				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		43.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932330941			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		1.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932330944			
Layer:		5			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		43.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965717858			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10944116			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930646546			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995717858			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		9.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934824365			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934298990			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934573418			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935089611			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933877728			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		51.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:		10395546		Tag No:	
Depth M:		18.288		Contractor:	2514
Year Completed:		1981		Latitude:	44.3565823164618
Well Completed Dt:		07/15/1981		Longitude:	-79.6439838155634
Audit No:				Y:	44.35658231484379
Path:		571\5717858.pdf		X:	-79.64398366336238

39	1 of 1	ENE/256.8	255.9 / 6.00	lot 14 con 12 ON	WWIS
Well ID:		5701480		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	11/09/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	014
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701480.pdf			

Additional Detail(s) (Map)

Well Completed Date: 10/26/1964
 Year Completed: 1964
 Depth (m): 15.8496
 Latitude: 44.3553529547409
 Longitude: -79.6428075725129
 Path: 570\5701480.pdf

Bore Hole Information

Bore Hole ID:	10379373	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	608160.40
Code OB Desc:		North83:	4912238.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/26/1964	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261250			
Layer:		3			
Color:					
General Color:					
Mat1:		12			
Most Common Material:		STONES			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		50.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261248			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261249			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
Use					

<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>
<hr/>					
Method Construction ID:		965701480			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10927943			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930627229			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701480			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		42.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933860836			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10379373			Tag No:	
Depth M:	15.8496			Contractor:	1614
Year Completed:	1964			Latitude:	44.3553529547409
Well Completed Dt:	10/26/1964			Longitude:	-79.6428075725129
Audit No:				Y:	44.355352953886175
Path:	570\5701480.pdf			X:	-79.64280742060004

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	1 of 1	N/258.1	252.2 / 2.32	ON	WWIS
<div><div><div>Well ID: 7206076</div><div>Construction Date:</div><div>Use 1st:</div><div>Use 2nd:</div><div>Final Well Status: Abandoned-Other</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No: Z170315</div><div>Tag:</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality: INNISFIL TOWNSHIP</div><div>Site Info:</div></div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:</div><div>Date Received: 08/12/2013</div><div>Selected Flag: TRUE</div><div>Abandonment Rec: Yes</div><div>Contractor: 4645</div><div>Form Version: 7</div><div>Owner:</div><div>County: SIMCOE</div><div>Lot:</div><div>Concession:</div><div>Concession Name:</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7206076.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/05/2013			
Year Completed:		2013			
Depth (m):					
Latitude:		44.3572885084866			
Longitude:		-79.6465951438289			
Path:		720\7206076.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1004499495			
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:		07/05/2013			
Remarks:					
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004974830			
Layer:		1			
Plug From:		-9.0			
Plug To:		25.0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1004974829				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1004974823				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1004974827				
Layer:	1				
Material:	3				
Open Hole or Material:	CONCRETE				
Depth From:	-9.0				
Depth To:	25.0				
Casing Diameter:	42.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1004974828				
Layer:	1				
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:					
<u>Water Details</u>					
Water ID:	1004974826				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>Hole Diameter</u>					
Hole ID:	1004974825				
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1004499495			Tag No:	
Depth M:				Contractor:	4645
Year Completed:	2013			Latitude:	44.3572885084866
Well Completed Dt:	07/05/2013			Longitude:	-79.6465951438289
Audit No:	Z170315			Y:	44.35728850666677
Path:	720\7206076.pdf			X:	-79.64659499132888

41	1 of 1	NW/261.5	249.7 / -0.14	623 YONGE ST Barrie ON	WWIS
Well ID:	7187848			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Test Hole			Date Received:	09/24/2012
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z148582			Contractor:	7241
Tag:	A120932			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:	WKQ-005236				
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7187848.pdf				

Additional Detail(s) (Map)

Well Completed Date:	08/29/2012
Year Completed:	2012
Depth (m):	6.096
Latitude:	44.3569051792486
Longitude:	-79.6484360113097
Path:	718\7187848.pdf

Bore Hole Information

Bore Hole ID:	1004163150	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	607709.00
Code OB Desc:		North83:	4912403.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	08/29/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1004441228			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		12.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004441226			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004441227			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		1.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004441236			
Layer:		1			
Plug From:		0.0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1004441237			
Layer:		2			
Plug From:		0.5			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004441238			
Layer:		3			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004441235			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004441225			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004441231			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004441232			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Water Details</u>					
Water ID:		1004441230			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004441229			
Diameter:		8.5			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1004163150			Tag No:	A120932
Depth M:	6.096			Contractor:	7241
Year Completed:	2012			Latitude:	44.3569051792486
Well Completed Dt:	08/29/2012			Longitude:	-79.6484360113097
Audit No:	Z148582			Y:	44.356905177909965
Path:	718\7187848.pdf			X:	-79.64843585887857
42	1 of 2	ENE/262.7	255.9 / 6.00	3-21-0174-41 Barrie ON L4N 4E8	EHS
Order No:	22092300232			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	28-SEP-22			Search Radius (km):	.25
Date Received:	23-SEP-22			X:	-79.64286417
Previous Site Name:				Y:	44.35563364
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
42	2 of 2	ENE/262.7	255.9 / 6.00	3-21-0174-41 Barrie ON L4N 4E8	EHS
Order No:	22092300232			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	28-SEP-22			Search Radius (km):	.25
Date Received:	23-SEP-22			X:	-79.64286417
Previous Site Name:				Y:	44.35563364
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
43	1 of 1	NNW/265.9	251.0 / 1.10	623 YONGE ST Barrie ON	WWIS
Well ID:	7187965			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Test Hole			Date Received:	09/24/2012
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z148583			Contractor:	7241
Tag:	A120931			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:		WKQ-005236			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7187965.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/29/2012			
Year Completed:		2012			
Depth (m):		6.7056			
Latitude:		44.35726335561			
Longitude:		-79.6475117497112			
Path:		718\7187965.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1004163914		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607782.00
Code OB Desc:				North83:	4912444.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		08/29/2012		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004446738			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004446740			
Layer:		3			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		12.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004446739			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		1.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004446750			
Layer:		3			
Plug From:		11.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004446748			
Layer:		1			
Plug From:		0.0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004446749			
Layer:		2			
Plug From:		0.5			
Plug To:		11.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004446747			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1004446737			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004446743			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		12.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004446744			
Layer:		1			
Slot:		10			
Screen Top Depth:		12.0			
Screen End Depth:		22.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.2799999713897705			
<u>Water Details</u>					
Water ID:		1004446742			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004446741			
Diameter:		8.5			
Depth From:		0.0			
Depth To:		22.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1004163914			Tag No:	A120931
Depth M:	6.7056			Contractor:	7241
Year Completed:	2012			Latitude:	44.35726335561
Well Completed Dt:	08/29/2012			Longitude:	-79.6475117497112
Audit No:	Z148583			Y:	44.35726335463345
Path:	718\7187965.pdf			X:	-79.64751159781726
44	1 of 1	NNW/267.1	249.9 / 0.00	623 YONGE ST Barrie ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7187964			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Test Hole			Date Received:	09/24/2012
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z148584			Contractor:	7241
Tag:	A109854			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:	WKQ-005236				
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7187964.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/29/2012				
Year Completed:	2012				
Depth (m):	6.096				
Latitude:	44.3571691041828				
Longitude:	-79.6479154634728				
Path:	718\7187964.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1004163911			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607750.00
Code OB Desc:				North83:	4912433.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	08/29/2012			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1004446627				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Mat2 Desc:	SAND				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		12.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004446625			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004446626			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		1.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004446635			
Layer:		1			
Plug From:		0.0			
Plug To:		0.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004446636			
Layer:		2			
Plug From:		0.5			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004446637			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004446634			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004446624			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004446630			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004446631			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.2799999713897705			
<u>Water Details</u>					
Water ID:		1004446629			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004446628			
Diameter:		8.5			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Links</u>					
Bore Hole ID:	1004163911			Tag No:	A109854
Depth M:	6.096			Contractor:	7241
Year Completed:	2012			Latitude:	44.3571691041828
Well Completed Dt:	08/29/2012			Longitude:	-79.6479154634728
Audit No:	Z148584			Y:	44.357169102993026
Path:	718\7187964.pdf			X:	-79.64791531046671
<u>45</u>	1 of 7	SE/276.1	255.9 / 6.08	Conseil scolaire Viamonde 70 Madelaine Drive Barrie ON L4N 9T2	GEN
Generator No:	ON4995526				
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				
Approval Years:	2016				
PO Box No:					
Country:	Canada				
Status:					
Co Admin:					
Choice of Contact:	CO_OFFICIAL				
Phone No Admin:					
Contaminated Facility:	No				
MHSW Facility:	No				
<u>Detail(s)</u>					
Waste Class:	331				
Waste Class Name:	WASTE COMPRESSED GASES				
Waste Class:	145				
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES				
<u>45</u>	2 of 7	SE/276.1	255.9 / 6.08	Conseil scolaire Viamonde 70 Madelaine Drive Barrie ON L4N 9T2	GEN
Generator No:	ON4995526				
SIC Code:					
SIC Description:					
Approval Years:	As of Dec 2017				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	145 I				
Waste Class Name:	Wastes from the use of pigments, coatings and paints				
Waste Class:	331 I				
Waste Class Name:	Waste compressed gases including cylinders				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
45	3 of 7	SE/276.1	255.9 / 6.08	Conseil scolaire Viamonde 70 Madelaine Dr. Barrie ON L4N 9T2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON6848207			
As of Jul 2020					
Canada					
Registered					
Detail(s)					
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
Waste Class:		263 C			
Waste Class Name:		Misc. waste organic chemicals			
45	4 of 7	SE/276.1	255.9 / 6.08	Conseil scolaire Viamonde 70 Madelaine Dr. Barrie ON L4N 9T2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON6848207			
As of Nov 2021					
Canada					
Registered					
Detail(s)					
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		146 R			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		145 L			
Waste Class Name:		Wastes from the use of pigments, coatings and paints			
Waste Class:		263 C			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Name:		Waste compressed gases including cylinders			
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
45	5 of 7	SE/276.1	255.9 / 6.08	ENBRIDGE GAS INC 70 MADELAINE DR,,BARRIE,ON,L4N 9T2,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:		3110208		Fuel Category:	
Incident Reported Dt:		9/21/2021		Health Impact:	
Type:		FS-Pipeline Incident		Environment Impact:	
Status Code:				Property Damage:	
Tank Status:		Pipeline Damage Reason Est		Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:		ENBRIDGE GAS INC			
Incident Address:		70 MADELAINE DR,,BARRIE,ON,L4N 9T2,CA			
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
45	6 of 7	SE/276.1	255.9 / 6.08	Conseil scolaire Viamonde 70 Madelaine Dr. Barrie ON L4N 9T2	GEN
Generator No:		ON6848207			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
Detail(s)					
Waste Class:		331 I			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		263 C			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			

<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>
<hr/>					
Waste Class:		146 T			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		146 R			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		145 L			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148 C			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
<hr/>					
<u>45</u>	7 of 7	SE/276.1	255.9 / 6.08	70 Madelaine Drive, Barrie BARRIE ON	SPL
Ref No:	1-19N0WW			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	9/16/2021 6:30:00 AM			Discharger Report:	
MOE Response:	Desktop Response			Material Group:	
Dt MOE Arvl on Scn:				Health/Env Conseq:	0 No Impact
MOE Reported Dt:	9/21/2021 7:41:19 AM			Agency Involved:	
Dt Document Closed:	11/10/2021 1:07:17 PM				
Site No:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:	Barrie District Office				
Nearest Watercourse:					
Site Name:					
Site Address:	70 Madelaine Drive, Barrie				
Site Region:					
Site Municipality:	BARRIE				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:					
Incident Event:	Line Strike				
Environment Impact:	1 Minor Impact				
Nature of Impact:					
Contaminant Qty:	0 other - see notes				
System Facility Address:					
Client Name:	ENBRIDGE CONSUMERS GAS				
Client Type:	Private Business				
Call Report Location Geodata:	{"integration_ids":["PR00002062208"],"wks":["POINT (-79.6443333000 44.3519624000)","creation_date":"2021-09-21"]}				
Contaminant Code:					
Contaminant Name:	NATURAL GAS				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:	Air				
Receiving Environment:					
Incident Reason:	Human error (Specify)				
Incident Summary:	TSSA FSB: 1 1/4" plastic IP main Line Strike - Barrie				
Activity Preceding Spill:	Construction or repair				
Property 2nd Watershed:	Eastern Georgian Bay				
Property Tertiary Watershed:	02EC-Black River - Lake Simcoe				
Sector Type:	NATURAL GAS DISTRIBUTION				
SAC Action Class:					
Source Type:	Pipeline/Components				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	1 of 2	NNE/279.9	252.2 / 2.31	521, 527 and 531 Big Bay Point Road Barrie ON L4N 3Z6	EHS
Order No: 20191212097				Nearest Intersection:	
Status: C				Municipality:	BArrie
Report Type: Custom Report				Client Prov/State:	ON
Report Date: 17-DEC-19				Search Radius (km):	.25
Date Received: 12-DEC-19				X:	-79.64512845
Previous Site Name: residential				Y:	44.35726051
Lot/Building Size: 1.25 acres					
Additional Info Ordered:					
46	2 of 2	NNE/279.9	252.2 / 2.31	521, 527 and 531 Big Bay Point Road Barrie ON L4N 3Z6	EHS
Order No: 20191212097				Nearest Intersection:	
Status: C				Municipality:	BArrie
Report Type: Custom Report				Client Prov/State:	ON
Report Date: 17-DEC-19				Search Radius (km):	.25
Date Received: 12-DEC-19				X:	-79.64512845
Previous Site Name: residential				Y:	44.35726051
Lot/Building Size: 1.25 acres					
Additional Info Ordered:					
47	1 of 1	NE/281.5	254.7 / 4.79	lot 13 con 12 ON	WWIS
Well ID: 5705586				Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st: Domestic				Data Entry Status:	
Use 2nd: 0				Data Src:	1
Final Well Status: Water Supply				Date Received:	01/06/1969
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4715
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5705586.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/20/1968			
Year Completed:		1968			
Depth (m):		53.34			
Latitude:		44.3568523290503			
Longitude:		-79.6439775873683			
Path:		570\5705586.pdf			
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10383468			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608064.40
Code OB Desc:				North83:	4912403.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	11/20/1968			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932278455				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:	11				
Mat3 Desc:	GRAVEL				
Formation Top Depth:	45.0				
Formation End Depth:	172.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932278454				
Layer:	1				
Color:					
General Color:					
Mat1:	23				
Most Common Material:	PREVIOUSLY DUG				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	45.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932278456				
Layer:	3				
Color:					
General Color:					
Mat1:	08				
Most Common Material:	FINE SAND				
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		172.0			
Formation End Depth:		175.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965705586			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10932038			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930632380			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		172.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933365103			
Layer:		1			
Slot:		012			
Screen Top Depth:		172.0			
Screen End Depth:		175.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995705586			
Pump Set At:					
Static Level:		26.0			
Final Level After Pumping:		55.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Water Details</u>					
Water ID:	933864914				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	172.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10383468	Tag No:			
Depth M:	53.34	Contractor:		4715	
Year Completed:	1968	Latitude:		44.3568523290503	
Well Completed Dt:	11/20/1968	Longitude:		-79.6439775873683	
Audit No:		Y:		44.35685232779005	
Path:	570\5705586.pdf	X:		-79.6439774344212	
48	1 of 1	N/282.1	252.8 / 2.98	510 BIG BAY POINT ROAD BARRIE ON	HINC
External File Num:		FS INC 0612-04360			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		11/2/2006			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		No			
Property Damage:		No			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Simcoe			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
49	1 of 1	NNE/282.4	252.2 / 2.31	527 Big Bay Point Rd Barrie ON L4N3Z6	EHS
Order No:		20170710043		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Barrie	
Report Date:		17-JUL-17		ON	
Date Received:		10-JUL-17		Client Prov/State:	
Previous Site Name:				Search Radius (km):	
Lot/Building Size:		1.25 acres		.25	
Additional Info Ordered:				X:	
				-79.64512	
				Y:	
				44.357283	
50	1 of 1	N/284.3	252.8 / 2.95	ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Well ID: 7303532 Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: C38485 Tag: A229357 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: BARRIE CITY (INNISFIL) Site Info: PDF URL (Map): </div> <div> Flowing (Y/N): Flow Rate: Data Entry Status: Yes Data Src: Date Received: 01/17/2018 Selected Flag: TRUE Abandonment Rec: Contractor: 7230 Form Version: 8 Owner: County: SIMCOE Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 07/04/2017 Year Completed: 2017 Depth (m): Latitude: 44.3575198434122 Longitude: -79.6463639473302 Path:					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 1006970761 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 07/04/2017 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: Elevrc: Zone: 17 East83: 607873.00 North83: 4912474.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr </div> </div>					
<u>Links</u>					
<div> <div> Bore Hole ID: 1006970761 Depth M: Year Completed: 2017 Well Completed Dt: 07/04/2017 Audit No: C38485 Path: </div> <div> Tag No: A229357 Contractor: 7230 Latitude: 44.3575198434122 Longitude: -79.6463639473302 Y: 44.357519841670985 X: -79.64636379467187 </div> </div>					
51	1 of 1	NW/291.1	248.0 / -1.89	lot 12 con 12	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Well ID:	5705825			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	12/11/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4608
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5705825.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	09/20/1968				
Year Completed:	1968				
Depth (m):	9.144				
Latitude:	44.3566462374561				
Longitude:	-79.6493780588024				
Path:	570\5705825.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10383702			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607634.40
Code OB Desc:				North83:	4912373.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	09/20/1968			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932279304				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932279305			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965705825			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10932272			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930632624			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		30.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		995705825			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:					
Recommended Pump Depth:		28.0			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933865151			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		15.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10383702		Tag No:	
Depth M:		9.144		Contractor:	4608
Year Completed:		1968		Latitude:	44.3566462374561
Well Completed Dt:		09/20/1968		Longitude:	-79.6493780588024
Audit No:				Y:	44.35664623588257
Path:		570\5705825.pdf		X:	-79.6493779065676

52	1 of 1	E/292.9	256.8 / 6.91	lot 13 con 12 ON	WWIS
Well ID:		5701463		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	11/29/1961
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4102
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701463.pdf			

Additional Detail(s) (Map)

Well Completed Date: 06/08/1961
Year Completed: 1961
Depth (m): 6.096
Latitude: 44.3551576836259
Longitude: -79.6422850701437
Path: 570\5701463.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10379356			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	608202.40
Code OB Desc:				North83:	4912217.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	06/08/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261197				
Layer:	1				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	15.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261198				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	15.0				
Formation End Depth:	20.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965701463				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pipe ID:		10927926			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627212			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		20.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701463			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933860819			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		15.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10379356			Tag No:	
Depth M:	6.096			Contractor:	4102
Year Completed:	1961			Latitude:	44.3551576836259
Well Completed Dt:	06/08/1961			Longitude:	-79.6422850701437
Audit No:				Y:	44.35515768261364
Path:	570\5701463.pdf			X:	-79.64228491749726
<hr/>					
53	1 of 2	N/294.1	252.8 / 2.98	ON	WWIS
Well ID:	7206074			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	08/12/2013
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z170320			Contractor:	4645
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7206074.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	07/05/2013				
Year Completed:	2013				
Depth (m):					
Latitude:	44.3576128212308				
Longitude:	-79.6466127741193				
Path:	720\7206074.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1004499489			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	607853.00
Code OB Desc:				North83:	4912484.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	07/05/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1004974814				
Layer:	1				
Plug From:	-10.0				
Plug To:	29.0				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1004974813				
Method Construction Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004974807			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004974811			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		-10.0			
Depth To:		29.0			
Casing Diameter:		36.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004974812			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1004974810			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004974809			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1004499489			Tag No:	
Depth M:				Contractor:	4645
Year Completed:	2013			Latitude:	44.3576128212308
Well Completed Dt:	07/05/2013			Longitude:	-79.6466127741193
Audit No:	Z170320			Y:	44.35761281976687
Path:	720\7206074.pdf			X:	-79.64661262162896

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
53	2 of 2	N/294.1	252.8 / 2.98	lot 13 con 13 ON	WWIS
<div><div><div>Well ID: 7206079</div><div>Construction Date:</div><div>Use 1st:</div><div>Use 2nd:</div><div>Final Well Status: Observation Wells</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No: Z170317</div><div>Tag:</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality: INNISFIL TOWNSHIP</div><div>Site Info:</div></div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:</div><div>Date Received: 08/12/2013</div><div>Selected Flag: TRUE</div><div>Abandonment Rec: Yes</div><div>Contractor: 4645</div><div>Form Version: 7</div><div>Owner:</div><div>County: SIMCOE</div><div>Lot: 013</div><div>Concession: 13</div><div>Concession Name: CON</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7206079.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/05/2013			
Year Completed:		2013			
Depth (m):					
Latitude:		44.3576128212308			
Longitude:		-79.6466127741193			
Path:		720\7206079.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1004499795			
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:		07/05/2013			
Remarks:					
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004974892			
Layer:		1			
Plug From:		0.0			
Plug To:		37.0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1004974891				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1004974885				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1004974889				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0.0				
Depth To:	37.0				
Casing Diameter:	2.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1004974890				
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:					
<u>Water Details</u>					
Water ID:	1004974888				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>Hole Diameter</u>					
Hole ID:	1004974887				
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path: </div> <div> 1004499795 2013 07/05/2013 Z170317 720\7206079.pdf </div> <div> Tag No: Contractor: Latitude: Longitude: Y: X: </div> <div> 4645 44.3576128212308 -79.6466127741193 44.35761281976687 -79.64661262162896 </div> </div>					
54	1 of 1	NNE/295.2	252.1 / 2.25	531 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	HINC
<div> <div> External File Num: Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Job Type Desc: Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause: </div> <div> FS INC 0710-05646 Pipeline Strike 9/27/2007 Natural Gas Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Construction Site (pipeline strike) Yes No Transmission, Distribution and Transportation Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:No </div> <div> Reported Details: Fuel Category: Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact: </div> <div> Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Simcoe </div> </div>					
55	1 of 2	NW/295.6	248.9 / -0.97	Big Bay Point Road/Lovers Creek 440-484 Big Bay Point Rd. Barrie ON L4N 3Z4	CA
<div> <div> Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: </div> <div> 1202-4JQS67 00 4/28/00 Municipal & Private sewage Approved New Certificate of Approval Corporation of the City of Barrie 70 Collier St., P.O. Box 400 Barrie L4M 4T5 Storm & Sanitary Sewers, Big Bay Point Rd. </div> </div>					
55	2 of 2	NW/295.6	248.9 / -0.97	The Corporation of the City of Barrie 440-484 Big Bay Point Rd. Barrie ON L4M 4T5	ECA
<div> <div> Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: </div> <div> 1202-4JQS67 2000-04-28 Revoked and/or Replaced ECA IDS Lakes Simcoe and Couchiching/Black River </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> <div> Barrie -79.64914 44.357018 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS The Corporation of the City of Barrie 440-484 Big Bay Point Rd. https://www.accessenvironment.ene.gov.on.ca/instruments/3817-4J6HQQ-14.pdf			
56	1 of 6	NW/295.6	248.9 / -0.97	600 Yonge Developments, Inc. 600 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3399554 531310 REAL ESTATE PROPERTY MANAGERS 2016 Canada CO_OFFICIAL No No			
Detail(s)					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
56	2 of 6	NW/295.6	248.9 / -0.97	600 Yonge Developments, Inc. 600 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3399554 522111 522111 2015 Canada CO_OFFICIAL No No			
Detail(s)					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
56	3 of 6	NW/295.6	248.9 / -0.97	600 Yonge Developments, Inc. 600 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No:		ON3399554 522111 522111 2014			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		Canada			
Detail(s)					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
56	4 of 6	NW/295.6	248.9 / -0.97	600 Yonge Developments Inc. 600 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON5575427 522111 522111 2014 Canada CO_OFFICIAL No No			
Detail(s)					
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			
56	5 of 6	NW/295.6	248.9 / -0.97	600 Yonge Developments, Inc. 600 Yonge Street Barrie ON L4N4E4	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3399554 As of Dec 2018 Canada Registered 			
Detail(s)					
Waste Class: Waste Class Name:		251 L Waste oils/sludges (petroleum based)			
56	6 of 6	NW/295.6	248.9 / -0.97	600 Yonge Developments, Inc. 600 Yonge Street Barrie ON L4N4E4	GEN

<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>
Generator No: ON3399554 SIC Code: SIC Description: Approval Years: As of Oct 2019 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
<u>57</u>	1 of 2	NE/297.9	253.2 / 3.31	533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	HINC
External File Num: FS INC 0710-05644 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/1/2007 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:No Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Safety Authorities (MOL, ESA, Insurers, etc.) County Name: Simcoe Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
<u>57</u>	2 of 2	NE/297.9	253.2 / 3.31	533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6	HINC
External File Num: FS INC 0710-05645 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/1/2007 Fuel Type Involved: Natural Gas Status Desc: Complete Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:No Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:		Safety Authorities (MOL, ESA, Insurers, etc.) Simcoe			
58	1 of 6	NNW/298.3	250.2 / 0.31	494 Big Bay Point Rd Barrie ON L4N3Z5	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20150810076 C Standard Report 17-AUG-15 10-AUG-15 School		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				Simcoe County ON .25 -79.647922 44.357232	
58	2 of 6	NNW/298.3	250.2 / 0.31	494 Big Bay Point Road in Barrie Barrie ON	SPL
Ref No: Year: Incident Dt: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason:		0646-AQAQE4 8/16/2017 No 8/16/2017 8/24/2017 NA County of Simcoe Barrie 494 Big Bay Point Road in Barrie<UNOFFICIAL> 494 Big Bay Point Road in Barrie Central Barrie 4912480.07 607744.07 Collision/Accident 30 L 15 ENGINE OIL 1993 Land; Surface Water Unknown / N/A		Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:	
				2 - Minor Environment	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Source Type:		3 Car Accident: 20-30L operating fluids, cleaned Miscellaneous Industrial Land Spills Motor Vehicle			
58	3 of 6	NNW/298.3	250.2 / 0.31	494 Big Bay Point Road Barrie ON L4N 4E5	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20310600025 C Standard Report 09-NOV-20 06-NOV-20 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -79.648041 44.3574366	
58	4 of 6	NNW/298.3	250.2 / 0.31	494 Big Bay Point Road Barrie ON L4N 4E5	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20300800080 C Standard Report 09-OCT-20 08-OCT-20 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -79.648041 44.3574366	
58	5 of 6	NNW/298.3	250.2 / 0.31	494 Big Bay Point Road Barrie ON L4N 4E5	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20300800080 C Standard Report 09-OCT-20 08-OCT-20 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -79.648041 44.3574366	
58	6 of 6	NNW/298.3	250.2 / 0.31	494 Big Bay Point Road Barrie ON L4N 4E5	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20310600025 C Standard Report 09-NOV-20 06-NOV-20 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -79.648041 44.3574366	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Depth (m):					
Latitude:		44.3576446598172			
Longitude:		-79.6462606860977			
Path:		730\7309892.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1007030690		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		03/06/2018		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007250765			
Layer:					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007250772			
Layer:		1			
Plug From:		-9.0			
Plug To:		34.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007250773			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1007250774			
Layer:		3			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007250771			
Method Construction Code:		A			
Method Construction:		Digging			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007250764			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007250768			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		9.0			
Depth To:		34.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007250769			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1007250767			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007250766			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1007030690			Tag No:	
Depth M:				Contractor:	4645
Year Completed:	2018			Latitude:	44.3576446598172
Well Completed Dt:	03/06/2018			Longitude:	-79.6462606860977
Audit No:	Z271034			Y:	44.35764465915905
Path:	730\7309892.pdf			X:	-79.6462605333515

61	1 of 1	N/299.6	252.8 / 2.94	516 BIG BAY POINT ROAD BARRIE ON L4N 3Z5	HINC
External File Num:		FS INC 0708-04605			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		8/16/2007			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		Yes			
Property Damage:		No			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Simcoe			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					

Unplottable Summary

Total: **58** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Barrie Heritage Phase 3	Part of Lots 12 and 13, Concession 12	Barrie ON	
CA	BARRIE CITY SEE 3-1116-85-006	BIG BAY POINT ROAD	BARRIE CITY ON	
CA	BARRIE CITY	BIG BAY POINT RD.	BARRIE CITY ON	
CA	BARRIE CITY ELLIS DR.	NORTH EASEMENT BIG BAY POINT R	BARRIE CITY ON	
CA	BARRIE CITY-PT. LOT 8, CONC. 7	EASEMENT/BIG BAY POINT ROAD	BARRIE CITY ON	
CA	CORIANDER DEVELOPMENT CORP.	YONGE ST., STM-WATER MGT.	BARRIE CITY ON	
CA	D.G.. PRATT CONSTRUCTION LTD.	BIG BAY POINT ROAD STREET A	BARRIE CITY ON	
CA	P.U.C. BARRIE CITY	YONGE ST. LOCAL IMPROVEMENT	BARRIE CITY ON	
CA	DEER CREEK HOMES LIMITED	BIG BAY POINT ROAD S., (SWM)	BARRIE CITY ON	
CA	DEER CREEK HOMES LIMITED	S.BIG BAY POINT RD/W.LOVERS CK	BARRIE CITY ON	
CA	Barrie Heritage Phase 3	Part of Lots 12 and 13, Concession 12	Barrie ON	
CA		Big Bay Point Road	Barrie ON	
CA	Petro-Canada Inc.		Barrie ON	
CA	3251586 Canada Inc.	Part of Lots 13 and 14, Concession 12	Barrie ON	
CA	The Corporation of the City of Barrie	Yonge Street	Barrie ON	
CA	Nathan Crescent Subdivision Phase III, Part 2 (43T-99505)	Part Lots 12 and 13, Concession 12	Barrie ON	
CA	LORNE INVESTMENTS (SUDBURY) LIMITED	PT.LOT 4/CON.12,BIG BAY POINTE	BARRIE CITY ON	

CA	LOBLAW PROPERTIES LIMITED	ZEHR'S FOOD STORE,SIMCOE CENTRE	BARRIE CITY ON	
CA	LOBLAW PROPERTIES LIMITED	ZEHR'S FOOD STORE,SIMCOE CENTRE	BARRIE CITY ON	
CA	3251586 CANADA INC.	BARRIE HERITAGE SUBD/DEAN ST.	BARRIE CITY ON	
CA	P.U.C.	YONGE ST.	BARRIE CITY ON	
CA	LANCE GATE DEVELOPMENTS INC.	PT.LOT 13/CON.13 (SWM)	BARRIE CITY ON	
CA		Yonge Street	Barrie ON	
CA		Yonge Street	Barrie ON	
CA		Big Bay Point Road	Barrie ON	
CA	Nathan Crescent Subdivision Phase III, Part 2 (43T-99505)	Part Lots 12 and 13, Concession 12	Barrie ON	
CA	BARRIE CITY	EASEMENT/YONGE STREET	BARRIE CITY ON	
DTNK	CANGO INC**	BIG BAY POINT RD LOT 30 CON 30	BARRIE ON	K1B 3J9
EBR	Shell Canada Limited, for and on behalf of Shell Canada Products	Barrie County of Simcoe L4M 0K4 Lot:21 Concession:3 CITY OF BARRIE	ON	
ECA	The Corporation of the City of Barrie	Yonge Street	Barrie ON	L4M 4Z2
ECA	Shell Canada Limited, for and on behalf of Shell Canada Products		Barrie ON	T2P 0J4
ECA	The Corporation of the City of Barrie	Yonge Street	Barrie ON	L4M 4Z2
ECA	The Corporation of the City of Barrie	Yonge Street	Barrie ON	L4M 4Z2
ECA	The Corporation of the City of Barrie	Yonge St Little Ave. to Big Bay Point Road, Plan 51R-11575	Barrie ON	L4M 4Z2
ECA	The Corporation of the City of Barrie	Yonge Street	Barrie ON	L4M 4Z2
LIMO	County of Simcoe Waste Disposal Site#7, (Mara) The Corporation of the County of	Simcoe Township of Ramara Lot 12, Concession 12 Simcoe	ON	
PES	THE WEED MAN - BARRIE		ON	
PES	875166 ONTARIO INC O/A WEED MAN SIMCOE	PO BOX 213	SIMCOE ON	N3Y4L1

PES	875166 ONTARIO INC O/A WEED MAN SIMCOE	PO BOX 213	SIMCOE ON	N3Y4L1
PES	875166 ONTARIO INC O/A WEED MAN SIMCOE	PO BOX 213	SIMCOE ON	N3Y4L1
PES	875166 ONTARIO INC. OA/ WEED MAN SICMOE	R. R. #3 213	SIMCOE ON	N3Y 4L1
PRT	WRONG INDORG BEAVER /WAS CANGO	BIG BAY POINT RD LOT 30 CON 30	BARRIE ON	L4M4S7
PRT	J D MCKNIGHT	LOT 13 CON 13 TECUMSETH	SIMCOE CO ON	
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	BARRIE ON	
SPL	PETRO-CANADA	BULK TREMINAL BULK PLANT/TERMINAL	COLBORNE VILL. ON	
SPL	PETRO-CANADA	TANK TRUCK (CARGO)	COLBORNE VILL. ON	
SPL	UNKNOWN	BIG BAY POINT RD. WEST OF HURONIA & NORTH OF RAILROAD	BARRIE CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TO PAVEMENT AND CATCH BASIN AT SERVICE STATION SERVICE STATION	BARRIE CITY ON	
SPL	PETRO-CANADA	PETRO CANADA BULK PLANT UNDERGROUND STORAGE TANK BULK PLANT/TERMINAL	COLBORNE VILL. ON	
SPL	SHELL CANADA PRODUCTS LTD.	METRO FUELS BULK PLANT TANK TRUCK (CARGO)	SIMCOE TOWN ON	
SPL	PETRO-CANADA	DIESEL OIL TANK INGROUND SERVICE STATION	BARRIE CITY ON	
SPL	Zehrs #510<UNOFFICIAL>		Barrie ON	
SPL	SHELL CANADA PRODUCTS LTD.	BAYFIELD SHELL SERVICE STATION	BARRIE CITY ON	
SPL	Barrie Hydro Distribution Inc.	pad mount transformer	Barrie ON	L4N 7E3
SPL		Big Bay Point Rd, west of Bayview	Barrie ON	
WWIS		lot 12	ON	
WWIS		lot 13 con 13	ON	
WWIS		lot 12	ON	

Unplottable Report

Site: *Barrie Heritage Phase 3*
Part of Lots 12 and 13, Concession 12 Barrie ON

Database:
CA

Certificate #: 5254-4ZNRX6
Application Year: 01
Issue Date: 8/17/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 3251586 Canada Inc.
Client Address: 181 Bay Street, Box 791
Client City: Toronto
Client Postal Code: M5J 2T3
Project Description: Storm and sanitary sewers to be constructed on Gregory Court, Newberry Court, Country Lane and Madelaine Drive. Sanitary sewers to be constructed on Hawkins Crescent.
Contaminants:
Emission Control:

Site: *BARRIE CITY SEE 3-1116-85-006*
BIG BAY POINT ROAD BARRIE CITY ON

Database:
CA

Certificate #: 3-0957-86-
Application Year: 86
Issue Date: 7/2/1986
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *BARRIE CITY*
BIG BAY POINT RD. BARRIE CITY ON

Database:
CA

Certificate #: 3-0163-88-
Application Year: 88
Issue Date: 2/26/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *BARRIE CITY ELLIS DR.*
NORTH EASEMENT BIG BAY POINT R BARRIE CITY ON

Database:
CA

Certificate #: 3-0133-88-
Application Year: 88
Issue Date: 3/4/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **BARRIE CITY-PT. LOT 8, CONC. 7**
EASEMENT/BIG BAY POINT ROAD BARRIE CITY ON

Database:
CA

Certificate #: 3-1308-90-
Application Year: 90
Issue Date: 7/18/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CORIANDER DEVELOPMENT CORP.**
YONGE ST., STM-WATER MGT. BARRIE CITY ON

Database:
CA

Certificate #: 3-1397-91-
Application Year: 91
Issue Date: 10/3/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **D.G.. PRATT CONSTRUCTION LTD.**
BIG BAY POINT ROAD STREET A BARRIE CITY ON

Database:
CA

Certificate #: 7-0616-88-
Application Year: 88
Issue Date: 6/1/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: P.U.C. BARRIE CITY
YONGE ST. LOCAL IMPROVEMENT BARRIE CITY ON

Database:
CA

Certificate #: 7-0751-87-
Application Year: 87
Issue Date: 7/16/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: DEER CREEK HOMES LIMITED
BIG BAY POINT ROAD S., (SWM) BARRIE CITY ON

Database:
CA

Certificate #: 3-0273-95-
Application Year: 95
Issue Date: 5/18/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: DEER CREEK HOMES LIMITED
S.BIG BAY POINT RD/W.LOVERS CK BARRIE CITY ON

Database:
CA

Certificate #: 7-0070-95-
Application Year: 95
Issue Date: 2/9/1995
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Barrie Heritage Phase 3
Part of Lots 12 and 13, Concession 12 Barrie ON

Database:
CA

Certificate #: 5282-4ZPHVH
Application Year: 01
Issue Date: 8/17/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: 3251586 Canada Inc.

Client Address: 181 Bay Street, Box 791
Client City: Toronto
Client Postal Code: M5J 2T3
Project Description: Watermains to be constructed on Gregory Court, Newberry Court, Country Lane, Madelaine Drive, Hawkins Crescent and easement (Gregory Court to Hawkins Crescent and Newberry Court to Madelaine Drive)
Contaminants:
Emission Control:

Site: **Big Bay Point Road Barrie ON** **Database:** **CA**

Certificate #: 6747-4H8HWW
Application Year: 00
Issue Date: 3/8/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Craigmel Developments Ltd.
Client Address: 38 Berwick Avenue
Client City: Toronto
Client Postal Code: M5P 1M1
Project Description: The proposed stormwater management facility will provide MOE Level 1 quality control and attenuate the 1 in 2 year post development flows to pre-development levels.
Contaminants:
Emission Control:

Site: **Petro-Canada Inc. Barrie ON** **Database:** **CA**

Certificate #: 0636-6G2LE8
Application Year: 2005
Issue Date: 9/8/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **3251586 Canada Inc. Part of Lots 13 and 14, Concession 12 Barrie ON** **Database:** **CA**

Certificate #: 3431-5Y2R5N
Application Year: 2004
Issue Date: 4/16/2004
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 Barrie Yonge Street Barrie ON** **Database:** **CA**

Certificate #: 9699-5ZBGLC
Application Year: 2004
Issue Date: 5/28/2004
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: **Nathan Crescent Subdivision Phase III, Part 2 (43T-99505)**
Part Lots 12 and 13, Concession 12 Barrie ON

Database:
CA

Certificate #: 0878-59NK7R
Application Year: 02
Issue Date: 4/29/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: 3251586 Canada Inc.
Client Address: 181 Bay Street, Box 791
Client City: Toronto
Client Postal Code: M5J 2T3
Project Description: This application is for approval to install watermain to serve the Nathan Crescent Subdivision, Barrie Heritage Phase III, Part 2.
Contaminants:
Emission Control:

Site: **LORNE INVESTMENTS (SUDBURY) LIMITED**
PT.LOT 4/CON.12,BIG BAY POINTE BARRIE CITY ON

Database:
CA

Certificate #: 3-0208-97-
Application Year: 97
Issue Date: 4/25/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **LOBLAW PROPERTIES LIMITED**
ZEHR'S FOOD STORE,SIMCOE CENTRE BARRIE CITY ON

Database:
CA

Certificate #: 8-1268-97-
Application Year: 97
Issue Date: 11/21/1997
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

Site: LOBLAW PROPERTIES LIMITED
ZEHR'S FOOD STORE, SIMCOE CENTRE BARRIE CITY ON

Database:
CA

Certificate #: 8-1269-97-
Application Year: 97
Issue Date: 12/9/1997
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST SYSTEM
Contaminants: Odour/Fumes
Emission Control: No Controls

Site: 3251586 CANADA INC.
BARRIE HERITAGE SUBD/DEAN ST. BARRIE CITY ON

Database:
CA

Certificate #: 3-0889-99-
Application Year: 99
Issue Date: 7/30/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: P.U.C.
YONGE ST. BARRIE CITY ON

Database:
CA

Certificate #: 7-0776-85-006
Application Year: 85
Issue Date: 9/11/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LANCE GATE DEVELOPMENTS INC.
PT. LOT 13/CON.13 (SWM) BARRIE CITY ON

Database:
CA

Certificate #: 3-0815-95-006
Application Year: 95
Issue Date: 11/3/95
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site:
Yonge Street Barrie ON

Database:
CA

Certificate #: 8535-5CANB3
Application Year: 02
Issue Date: 7/31/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Barrie
Client Address: 70 Collier Street
Client City: Barrie
Client Postal Code: L4M 4T5
Project Description: This application is for approval to install a storm sewer and oil grit separators and apputenances on Yonge Street as part of the Yonge Street construction, Little Avenue to Big Bay Point Road in the City of Barrie.
Contaminants:
Emission Control:

Site:
Yonge Street Barrie ON

Database:
CA

Certificate #: 9255-54GQRK
Application Year: 02
Issue Date: 7/4/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Barrie
Client Address: 70 Collier Street
Client City: Barrie
Client Postal Code: L4M 4Z2
Project Description: Storm sewer construction
Contaminants:
Emission Control:

Site:
Big Bay Point Road Barrie ON

Database:
CA

Certificate #: 2261-4JQR2W
Application Year: 00
Issue Date: 4/28/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Barrie
Client Address: 70 Collier Street
Client City: Barrie
Client Postal Code: L4M 4Z2
Project Description: Watermain on Big Bay Point Rd.
Contaminants:
Emission Control:

Site: **Nathan Crescent Subdvision Phase III, Part 2 (43T-99505)
Part Lots 12 and 13, Concession 12 Barrie ON**

Database:
CA

Certificate #: 3702-59NJWG
Application Year: 02
Issue Date: 4/29/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 3251586 Canada Inc.
Client Address: 181 Bay Street, Box 791
Client City: Toronto
Client Postal Code: M5J 2T3
Project Description: This application is for approval to install sanitary and storm sewers to serve the Nathan Crescent Subdivision, Barrie Heritage Phase III, Part 2.
Contaminants:
Emission Control:

Site: **BARRIE CITY**
EASEMENT/YONGE STREET BARRIE CITY ON

Database:
CA

Certificate #: 3-0939-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CANGO INC****
BIG BAY POINT RD LOT 30 CON 30 BARRIE ON K1B 3J9

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No: 9761079
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSA Max Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:

Expired Date: 8/1/1990
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

TSSA Program Area 2:**Description:****Original Source:**

EXP

Record Date:

Up to May 2013

Site: *Shell Canada Limited, for and on behalf of Shell Canada Products*
Barrie County of Simcoe L4M 0K4 Lot:21 Concession:3 CITY OF BARRIE ON

Database:
[EBR](#)

EBR Registry No: 013-3125
Ministry Ref No: 4651-AXYJPX
Notice Type: Instrument Decision
Notice Stage:
Notice Date: August 07, 2018
Proposal Date: June 14, 2018
Year: 2018
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: Environmental Compliance Approval (project type: sewage) - EPA Part II.1-sewage
Off Instrument Name:
Posted By:
Company Name: Shell Canada Limited, for and on behalf of Shell Canada Products(EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)
Site Address:
Location Other:
Proponent Name: Shell Canada Limited, for and on behalf of Shell Canada Products
Proponent Address: 400 4TH avenue Southwest Calgary Alberta Canada T2P 0J4
Comment Period:
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTM1NDUz&statusId=MjA2ODI0&language=en>

Site Location Details:

Barrie
County of Simcoe L4M 0K4
Lot:21 Concession:3
CITY OF BARRIE

Site: *The Corporation of the City of Barrie*
Yonge Street Barrie ON L4M 4Z2

Database:
[ECA](#)

Approval No: 8617-5ZBGGK
Approval Date: 2004-05-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Corporation of the City of Barrie
Address: Yonge Street
Full Address:
Full PDF Link:
PDF Site Location:

Site: *Shell Canada Limited, for and on behalf of Shell Canada Products*
Barrie ON T2P 0J4

Database:
[ECA](#)

Approval No: 5882-AZWKHQ
Approval Date: 2018-08-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Shell Canada Limited, for and on behalf of Shell Canada Products

Address:**Full Address:****Full PDF Link:**<https://www.accessenvironment.ene.gov.on.ca/instruments/4651-AXYJPX-13.pdf>**PDF Site Location:**

Site: *The Corporation of the City of Barrie*
*Yonge Street Barrie ON L4M 4Z2***Database:**
*ECA***Approval No:** 9255-54GQRK
Approval Date: 2002-07-04
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS**MOE District:**
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:**SWP Area Name:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Barrie
Address: Yonge Street
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8415-53UMFY-14.pdf>
PDF Site Location:

Site: *The Corporation of the City of Barrie*
*Yonge Street Barrie ON L4M 4Z2***Database:**
*ECA***Approval No:** 8535-5CANB3
Approval Date: 2002-07-31
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS**MOE District:**
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:**SWP Area Name:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Barrie
Address: Yonge Street
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2834-5A4KWB-14.pdf>
PDF Site Location:

Site: *The Corporation of the City of Barrie*
*Yonge St Little Ave. to Big Bay Point Road, Plan 51R-11575 Barrie ON L4M 4Z2***Database:**
*ECA***Approval No:** 5073-5A6NLS
Approval Date: 2002-05-15
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS**MOE District:**
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:**SWP Area Name:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Barrie
Address: Yonge St Little Ave. to Big Bay Point Road, Plan 51R-11575
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4452-59HQ2C-14.pdf>
PDF Site Location:

Site: *The Corporation of the City of Barrie*
*Yonge Street Barrie ON L4M 4Z2***Database:**
*ECA***Approval No:** 9699-5ZBGLC
Approval Date: 2004-05-28
Status: Revoked and/or Replaced**MOE District:**
City:
Longitude:

Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Barrie
Address: Yonge Street
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2102-5Z6RCQ-14.pdf>
PDF Site Location:

Site: County of Simcoe Waste Disposal Site#7, (Mara) The Corporation of the County of Simcoe Township of Ramara Lot 12, Concession 12 Simcoe ON

Database:
 LIMO

ECA/Instrument No:	A253504	Natural Attenuation:
Operation Status:	Closed	Liners:
C of A Issue Date:		Cover Material:
C of A Issued to:		Leachate Off-Site:
Lndfl Gas Mgmt (P):		Leachate On Site:
Lndfl Gas Mgmt (F):		Req Coll Lndfl Gas:
Lndfl Gas Mgmt (E):		Lndfl Gas Coll:
Lndfl Gas Mgmt Sys:		Total Waste Rec:
Landfill Gas Mntr:		TWR Methodology:
Leachate Coll Sys:		TWR Unit:
ERC Est Vol (m3):		Tot Aprv Cap Unit:
ERC Volume Unit:		Financial Assurance:
ERC Dt Last Det:		Last Report Year:
Landfill Type:		Region:
Source File Type:		District Office:
Fill Rate:		Site County:
Fill Rate Unit:		Lot:
Tot Fill Area (ha):		Concession:
Tot Site Area (ha):		Latitude:
Footprint:		Longitude:
Tot Aprv Cap (m3):		Easting:
Contam Atten Zone:		Northing:
Grndwtr Mntr:		UTM Zone:
Surf Wtr Mntr:		Data Source:
Air Emis Monitor:		
Approved Waste Type:		
Client Site Name:		
ERC Methodology:		
Site Name:	County of Simcoe Waste Disposal Site#7, (Mara) The Corporation of the County of Simcoe Township of Ramara	

Site Location Details:
Service Area:
Page URL:

Site: THE WEED MAN - BARRIE
 ON

Database:
 PES

Detail Licence No:		Operator Box:
Licence No:		Operator Class:
Status:		Operator No:
Approval Date:		Operator Type:
Report Source:		Oper Area Code:
Licence Type:	Operator	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:
County:
Trade Name:
PDF URL:

MOE District:
SWP Area Name:

Site: 875166 ONTARIO INC O/A WEED MAN SIMCOE
PO BOX 213 SIMCOE ON N3Y4L1

Database:
[PES](#)

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code: 02
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

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:

Site: 875166 ONTARIO INC O/A WEED MAN SIMCOE
PO BOX 213 SIMCOE ON N3Y4L1

Database:
[PES](#)

Detail Licence No:
Licence No: 03021
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Operator
Licence Type Code: 01
Licence Class: 06
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 519
Oper Phone No: 4261820
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: 875166 ONTARIO INC O/A WEED MAN SIMCOE
PO BOX 213 SIMCOE ON N3Y4L1

Database:
[PES](#)

Detail Licence No: 02-01-03021-0
Licence No: 03021
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Operator
Licence Type Code: 02
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:

Operator Box:
Operator Class:
Operator No: 3021
Operator Type:
Oper Area Code: 519
Oper Phone No: 4261820
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 2
Operator District:
Operator County: 44

Concession:
Region: 2
District:
County: 44
Trade Name:
PDF URL:

Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: 875166 ONTARIO INC. OA/ WEED MAN SICMOE
R. R. #3 213 SIMCOE ON N3Y 4L1

Database:
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 URL:

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:

Site: WRONG INDORG BEAVER /WAS CANGO
BIG BAY POINT RD LOT 30 CON 30 BARRIE ON L4M4S7

Database:
PRT

Location ID: 1319
Type: retail
Expiry Date: 1991-07-31
Capacity (L): 15970
Licence #: 0053469001

Site: J D MCKNIGHT
LOT 13 CON 13 TECUMSETH SIMCOE CO ON

Database:
PRT

Location ID: 13400
Type: private
Expiry Date:
Capacity (L): 4500.00
Licence #: 0001059193

Site: SHELL CANADA PRODUCTS LTD.
SERVICE STATION BARRIE ON

Database:
SPL

Ref No: 190172
Year:
Incident Dt: 11/9/2000
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/9/2000
Dt Document Closed:
Site No:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:

Municipality No: 70101
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved: FIRE DEPT., WORKS

Site Name:
Site Address:
Site Region:
Site Municipality: BARRIE
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Receiving Environment:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: SHELL CANADA: 25 LITRES GAS TO LOT AND STORM. FIRE DEPT., WORKS.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: PETRO-CANADA
 BULK TREMINAL BULK PLANT/TERMINAL COLBORNE VILL. ON

Database:
 SPL

Ref No:	3633	Municipality No:	61502
Year:		Nature of Damage:	
Incident Dt:	5/13/1988	Discharger Report:	
MOE Response:		Material Group:	
Dt MOE Arvl on Scn:		Health/Env Conseq:	
MOE Reported Dt:	5/13/1988	Agency Involved:	
Dt Document Closed:			
Site No:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	COLBORNE VILL.		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	VALVE/FITTING LEAK OR FAILURE		
Incident Event:			
Environment Impact:			
Nature of Impact:			
Contaminant Qty:			
System Facility Address:			
Client Name:			

Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: PETRO CANADA BULK TERM.- EST. 150 LITRES, DIESEL TO GROUND.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: PETRO-CANADA
 TANK TRUCK (CARGO) COLBORNE VILL. ON

Database:
 SPL

Ref No:	57524	Municipality No:	61502
Year:		Nature of Damage:	
Incident Dt:	9/18/1991	Discharger Report:	
MOE Response:		Material Group:	
Dt MOE Arvl on Scn:		Health/Env Conseq:	
MOE Reported Dt:	9/18/1991	Agency Involved:	

Dt Document Closed:
Site No:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: COLBORNE VILL.
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: ERROR
Incident Summary: PETRO CANADA TANK TRUCK 400 L OIL TO GROUND DUE TO COMPARTMENT RUPTURE.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: UNKNOWN
BIG BAY POINT RD. WEST OF HURONIA & NORTH OF RAILROAD BARRIE CITY ON

Database:
SPL

Ref No: 51789 **Municipality No:** 70101
Year: **Nature of Damage:**
Incident Dt: 6/5/1991 **Discharger Report:**
MOE Response: **Material Group:**
Dt MOE Arvl on Scn: **Health/Env Conseq:**
MOE Reported Dt: 6/5/1991 **Agency Involved:**
Dt Document Closed:
Site No:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: BARRIE CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northings:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: VANDALISM
Incident Summary: APPROXIMATELY 250 L CRANKCASE OIL ILLEGALLY DUMPED ON GROUND.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TO PAVEMENT AND CATCH BASIN AT SERVICE STATION SERVICE STATION BARRIE CITY ON

Database:
SPL

Ref No: 43153 **Municipality No:** 70101
Year: **Nature of Damage:**
Incident Dt: 11/8/1990 **Discharger Report:**
MOE Response: **Material Group:**
Dt MOE Arvl on Scn: **Health/Env Conseq:**
MOE Reported Dt: 11/8/1990 **Agency Involved:** WORKS, F.D.
Dt Document Closed:
Site No:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:

Site Name:
Site Address:
Site Region:
Site Municipality: BARRIE CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Environment Impact: NOT ANTICIPATED
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: SHELL-80 L OF GASOLINE TOPAVEMENT AND CATCH BASIN FROM OVERFILL
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site:	PETRO-CANADA		Database:
	PETRO CANADA BULK PLANT UNDERGROUND STORAGE TANK BULK PLANT/TERMINAL COLBORNE VILL. ON		SPL

Ref No:	31745	Municipality No:	61502
Year:		Nature of Damage:	
Incident Dt:	2/10/1990	Discharger Report:	
MOE Response:		Material Group:	
Dt MOE Arvl on Scn:		Health/Env Conseq:	
MOE Reported Dt:	2/12/1990	Agency Involved:	MOE, MCCR
Dt Document Closed:			
Site No:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	COLBORNE VILL.		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	CONTAINER OVERFLOW		
Incident Event:			
Environment Impact:	NOT ANTICIPATED		
Nature of Impact:			
Contaminant Qty:			
System Facility Address:			
Client Name:			

Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: ERROR
Incident Summary: BACKENTRY - 230 LITRES OF DIESEL FUEL TO GROUND.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
 METRO FUELS BULK PLANT TANK TRUCK (CARGO) SIMCOE TOWN ON

Database:
 SPL

Ref No:	23649	Municipality No:	12403
Year:		Nature of Damage:	
Incident Dt:	8/15/1989	Discharger Report:	
MOE Response:		Material Group:	
Dt MOE Arvl on Scn:		Health/Env Conseq:	
MOE Reported Dt:	8/15/1989	Agency Involved:	
Dt Document Closed:			
Site No:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SIMCOE TOWN		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northings:			
Easting:			
Incident Cause:	OTHER CAUSE (N.O.S.)		
Incident Event:			
Environment Impact:			
Nature of Impact:			
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Receiving Environment:			
Incident Reason:	ERROR		
Incident Summary:	SHELL - 10 L GASOLINE TO GROUND.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Source Type:			

Site: PETRO-CANADA
DIESEL OIL TANK INGROUND SERVICE STATION BARRIE CITY ON

Database:
SPL

Ref No: 19567
Year:
Incident Dt: 9/26/1988
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/26/1988
Dt Document Closed:
Site No:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: BARRIE CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: UNKNOWN
Incident Summary: BACKENTRY - PETROCANADA 450 LTRS DIESEL OIL FROM UNDERGROUND TANK
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: Zehrs #510<UNOFFICIAL>
Barrie ON

Database:
SPL

Ref No: 7074-9MT2GT
Year:
Incident Dt: 2014/08/08
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/08/08
Dt Document Closed: 2014/08/15
Site No: NA
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Municipality No: 70101
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved: MCCR

Site Name: 201 Cundles Rd<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Barrie
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Leak/Break
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Air Pollution
Contaminant Qty: 90 kg
System Facility Address:
Client Name: Zehrs #510<UNOFFICIAL>
Client Type:
Call Report Location Geodata:
Contaminant Code: 38
Contaminant Name: FREON R-22 (CFC)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Unknown / N/A
Incident Summary: Zehrs store 510: R22 refridgerant to atm
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Pipeline/Components
SAC Action Class: Air Spills - Gases and Vapours
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
 BAYFIELD SHELL SERVICE STATION BARRIE CITY ON

Database:
 SPL

Ref No:	143461	Municipality No:	70101
Year:		Nature of Damage:	
Incident Dt:	7/11/1997	Discharger Report:	
MOE Response:		Material Group:	
Dt MOE Arvl on Scn:		Health/Env Conseq:	
MOE Reported Dt:	7/11/1997	Agency Involved:	
Dt Document Closed:			
Site No:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	BARRIE CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	UNKNOWN		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Soil contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			

Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Receiving Environment:
Incident Reason: UNKNOWN
Incident Summary: BAYFIELD SHELL:10L GAS- OLINE TO APRON.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

Site: **Barrie Hydro Distribution Inc.**
pad mount transformer Barrie ON L4N 7E3

Database:
SPL

Ref No:	1085-79ZSG9	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:		Discharger Report:	
MOE Response:	No Field Response	Material Group:	Oil
Dt MOE Arvl on Scn:		Health/Env Conseq:	
MOE Reported Dt:	12/18/2007	Agency Involved:	
Dt Document Closed:	12/28/2007		
Site No:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	3 wiseman court<UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:	Barrie		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	Cooling System Leak		
Incident Event:			
Environment Impact:	Possible		
Nature of Impact:	Other Impact(s)		
Contaminant Qty:	3 L		
System Facility Address:			
Client Name:	Barrie Hydro Distribution Inc.		
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	15		
Contaminant Name:	TRANSFORMER OIL (N.O.S.)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Water		
Receiving Environment:			
Incident Reason:	Damage By Moving Equipment - Containers damaged by moving		
Incident Summary:	Barrie Hydro - 13 silver trail - 3L n/pcb oil to CB		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Transformer		
SAC Action Class:			
Source Type:			

Site:**Big Bay Point Rd, west of Bayview Barrie ON****Database:****SPL**

Ref No:	5364-BBLPEX	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	4/26/2019	Discharger Report:	
MOE Response:	No	Material Group:	
Dt MOE Arvl on Scn:		Health/Env Conseq:	2 - Minor Environment
MOE Reported Dt:	4/26/2019	Agency Involved:	
Dt Document Closed:	5/30/2019		
Site No:	NA		
Site County/District:	County of Simcoe		
Site Geo Ref Meth:			
Site District Office:	Barrie		
Nearest Watercourse:			
Site Name:	AECOM Jobstie<UNOFFICIAL>		
Site Address:	Big Bay Point Rd, west of Bayview		
Site Region:	Central		
Site Municipality:	Barrie		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Event:	Unknown / N/A		
Environment Impact:			
Nature of Impact:			
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	41		
Contaminant Name:	WATER/SEDIMENT		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	n/a		
Receiving Medium:			
Receiving Environment:	Surface Water		
Incident Reason:	Unknown / N/A		
Incident Summary:	AECOM: silt to Hotchkis Creek from construction site		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Unknown / N/A		
SAC Action Class:	Land Spills		
Source Type:	Unknown / N/A		

Site:**lot 12 ON****Database:****WWIS**

Well ID:	2217996	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/11/2003
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	244456	Contractor:	2558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	FRONTENAC
Elevatn Reliability:		Lot:	012

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: BARRIE TOWNSHIP
Site Info:

Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10543983	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/07/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	932927454
Layer:	3
Color:	2
General Color:	GREY
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	61.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932927452
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927458
Layer: 7
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 190.0
Formation End Depth: 200.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927461
Layer: 10
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 279.0
Formation End Depth: 300.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927456
Layer: 5
Color: 8
General Color: BLACK
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 160.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927459
Layer: 8
Color: 8
General Color: BLACK
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 200.0
Formation End Depth: 255.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927453
Layer: 2
Color:
General Color:
Mat1: 12
Most Common Material: STONES
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927455
Layer: 4
Color: 8
General Color: BLACK
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927457
Layer: 6
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 180.0
Formation End Depth: 190.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932927460
Layer: 9
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 255.0
Formation End Depth: 279.0

Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933241572
Layer: 1
Plug From: 0.0
Plug To: 68.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 962217996
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11092553
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930183922
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 992217996
Pump Set At:
Static Level: 10.0
Final Level After Pumping:
Recommended Pump Depth: 270.0
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934155215
Test Type: Draw Down
Test Duration: 15
Test Level: 208.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934689907
Test Type: Draw Down
Test Duration: 45
Test Level: 254.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934949085
Test Type: Draw Down
Test Duration: 60
Test Level: 277.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934423452
Test Type: Draw Down
Test Duration: 30
Test Level: 231.0
Test Level UOM: ft

Water Details

Water ID: 934037825
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth:
Water Found Depth UOM: ft

Site:

lot 13 con 13 ON

Database:
WWIS

Well ID: 4404958
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: SIMCOE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04/01/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5201
Form Version: 1
Owner:
County: NORFOLK
Lot: 013
Concession: 13
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10276874
DP2BR:
Spatial Status:
Elevation:
Elevrc:
Zone: 17

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/03/1985
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931883326
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931883327
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931883328
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964404958
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10825444
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930463702
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 24.0
Casing Diameter: 1.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933351245
Layer: 1
Slot: 008
Screen Top Depth: 21.0
Screen End Depth: 24.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 4.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994404958
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 15.0
Recommended Pump Depth:
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934510601
Test Type:
Test Duration: 30
Test Level: 15.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935025769
Test Type:
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934766382
Test Type:
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934227037
Test Type:
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933747024
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 15.0
Water Found Depth UOM: ft

Site: lot 12 ON **Database:** WWIS

Well ID:	5738433	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	12/22/2003
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	265444	Contractor:	1467
Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	SIMCOE
Elevatn Reliability:		Lot:	012
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	BARRIE CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	11099947	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/02/2003
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932951020
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 34.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932951019
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 34.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932951017
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932951021
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932951018
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 965738433
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11103662
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930835781
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 83.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407406
Layer: 1

Slot: 008
Screen Top Depth: 83.0
Screen End Depth: 87.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995738433
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 36.0
Recommended Pump Depth: 65.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935106989
Test Type: Draw Down
Test Duration: 60
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934848833
Test Type: Draw Down
Test Duration: 45
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934317978
Test Type: Draw Down
Test Duration: 15
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934592405
Test Type: Draw Down
Test Duration: 30
Test Level: 36.0
Test Level UOM: ft

Water Details

Water ID: 934045244
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
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 Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

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-Mar 2022

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-Feb 28, 2022

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 2021

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, 2022

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-Feb 28, 2023

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 -Aug 2023

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-Jun 2023

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Aug 31, 2023

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 - Oct 2022

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: Feb 28, 2022

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- Aug 31, 2023

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 - Aug 31, 2023

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- Aug 31, 2023

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-Jun 30, 2023

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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

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, 2022

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, 2022

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-Jun 2023

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, 2022

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, 2022

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 2020

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, 2022

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: Mar 21, 2022

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-Feb 2023

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, 2021

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-Oct 2022

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-Jun 30, 2021

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 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

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.

Government Publication Date: 1988-Aug 31, 2023**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-Aug 2023**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 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 - Aug 31, 2023

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- Aug 31, 2023

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 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 is 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, 2021

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Aug 31, 2023

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: 1986-1990, 1992-2021

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-Aug 2023

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-Feb 28, 2023

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 by 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. This database includes spill incidents that occurred in March, May, July, and August 2022, and January 2023 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Oct 2021; see description

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

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 - Apr 2023

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, 2022

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- Aug 31, 2023

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: Mar 31 2023

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.

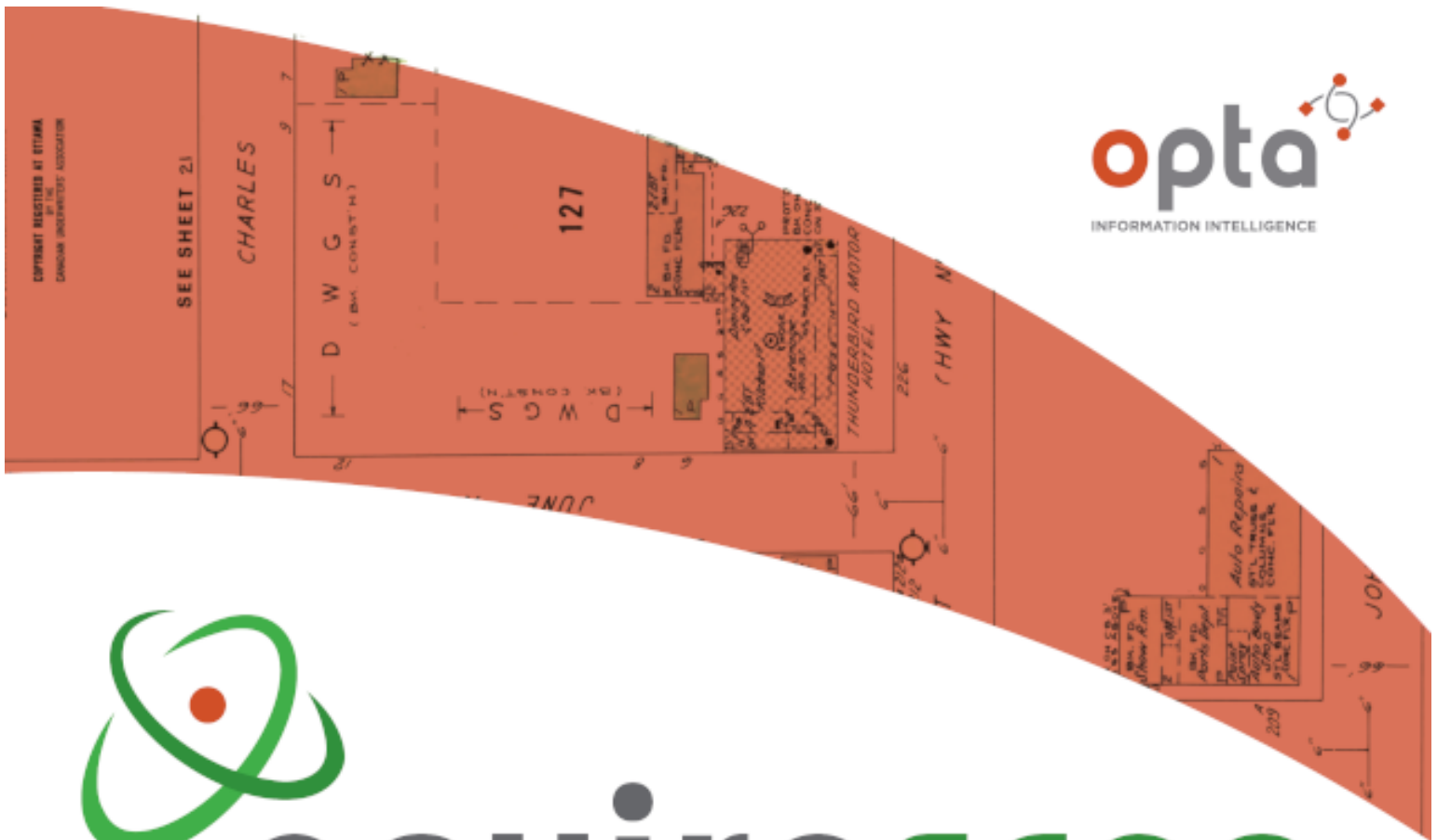
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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 D

FIRE INSURANCE PLAN




enviroscan



175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Stephanie

Site Address:

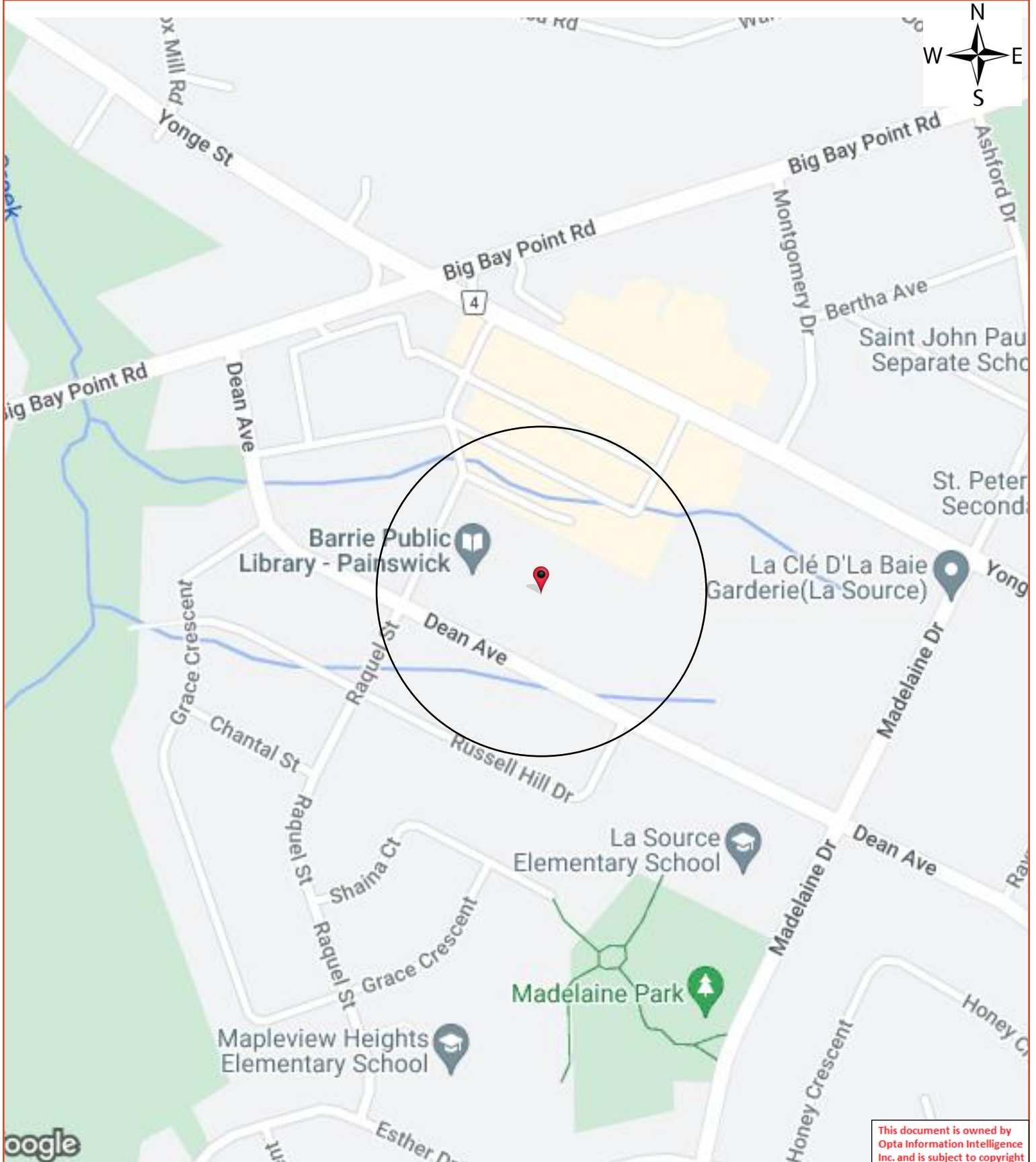
48 Dean Avenue Barrie ON

Project No:
23101100099

Opta Order ID:
135616

Requested by:
Eleanor Goolab
Ecolog Eris

Date Completed:
10/16/2023 2:23:20 PM



Opta Historical Environmental Services EnviroscanTM

Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

No Records Found

Requested by:

Eleanor Goolab

Date Completed: 10/16/2023 14:23:20



OPTA INFORMATION INTELLIGENCE

No Records Found





APPENDIX E

CITY DIRECTORY



CITY DIRECTORY

Project Property: *11249 - 48 Dean Avenue
48 Dean Ave
Barrie, ON L4N 0C2*

Project No:

Requested By: *Sola Engineering Inc.*

Order No: *23101100099*

Date Completed: *October 17, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

October 17, 2023
RE: CITY DIRECTORY RESEARCH
48 Dean Ave
Barrie, ON L4N 0C2

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

No coverage was found for the identified site or surrounding area



APPENDIX F

REGULATORY CORRESPONDENCE

Ministry of the Environment,
Conservation and Parks

Emergency Management and
Access Branch

40 St. Clair Avenue West
Toronto ON M4V 1M2

Ministère de l'Environnement, de la
Protection de la nature et des Parcs

Direction de la gestion des situations
d'urgence et de l'accès à l'information

40, avenue St. Clair ouest
Toronto ON M4V 1M2



October 13, 2023

JiaYu Cheng
Sola Engineering Inc.
390 Edgeley Blvd
Vaughan, Ontario L4K 3Z6
katrinac@solaengineering.ca

Dear JiaYu Cheng:

RE: MECP FOI A-2023-05974 – Record Release Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 48 Dean Avenue, Barrie.

Attached is a copy of the records.

If you have any questions regarding this matter, contact Tara Hachey at tara.hachey@ontario.ca.

Yours truly,

A handwritten signature in cursive script that reads "Tara Hachey".

For:

Josephine DeSouza
Manager, (A), Access and Privacy Office

Attachment

Ontario

Ministry of the Environment,
Conservation and Parks

central site

feedback

search

site map

français

HOME

AIR

WATER

LAND

ABOUT US

NEWS & PUBLICATIONS

User Management

Company Mgmt

Manifests

Site Data

HELP

Logout

hwin

Administration

Search

Go

Generator Details

Registration/Notification Number

ON4817657

Legal Company Name

Primary Name:	City of Barrie	Division Name:	City of Barrie
---------------	----------------	----------------	----------------

Company Operating Name

Primary Name:	City of Barrie	Division Name:	NA
---------------	----------------	----------------	----

Mailing Address

Division Building:	NA	Post Box Number:	NA
Address Line 1:	70 Collier st	Address Line 2:	NA
Town/City:	Barrie	Postal Code / Zip Code:	L4N 7H7
County: (If inside Ontario)	SIMCOE	Province/State (If inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	Painswick Library	Post Box Number:	NA
Address Line 1:	48 Dean		
Address Line 2:	NA		
Town/City:	Barrie	Postal Code / Zip Code:	L4N 7H7
County: (if inside Ontario)	SIMCOE	Province / State (If inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Company Official




Search

Go

Company Name: **City of Barrie City of Barrie**
Company Number: **ON4817657 (Generator)**

Active Waste Classes

Active Waste Class Listing
[Add New Waste Class](#) | [Inactive waste classes](#)

Active Off-site Waste Classes										
Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status	UnRegister Waste Class
251 - L	View Details	N/A					Solid	Off-Site	Active	

Back



Search

Go

Company Name: **City of Barrie City of Barrie**
Company Number: **ON4817657 (Generator)**

Inactive Waste Classes

Inactive Waste Class Listing

[Add New Waste Class](#) [Active waste classes](#)

Inactive Off-site Waste Classes

Waste Class	Physical State	Off-Site	Status	Activate	
251 - H	Solid	Off-Site	Inactive		View Details

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feedback

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site map

français

HOME

AIR

WATER

LAND

ABOUT US

NEWS & PUBLICATIONS

User Management

Company Mgmt

Manifests

Site Data

HELP

Logout

hwin

Administration

Search

Go

Generator Details

Registration/Notification Number

ON9467214

Legal Company Name

Primary Name:	City of Barrie	Division Name:	NA
---------------	----------------	----------------	----

Company Operating Name

Primary Name:	City of Barrie	Division Name:	NA
---------------	----------------	----------------	----

Mailing Address

Division Building:	NA	Post Box Number:	NA
Address Line 1:	70 Collier st.	Address Line 2:	NA
Town/City:	Barrie	Postal Code / Zip Code:	L4M4T5
County: (If inside Ontario)	SIMCOE	Province/State (If inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	NA	Post Box Number:	NA
Address Line 1:	48 Dean Ave.		
Address Line 2:	NA		
Town/City:	Barrie	Postal Code / Zip Code:	L4N0C2
County: (if inside Ontario)	SIMCOE	Province / State (If inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (If outside Canada / US)	NA
Country:	Canada		



Search

Go

Company Name: **City of Barrie**
Company Number: **ON9467214 (Generator)**

Active Waste Classes

Active Waste Class Listing
[Add New Waste Class](#) | [Inactive waste classes](#)

Active Off-site Waste Classes

Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status	UnRegister Waste Class
251 - L	View Details	N/A					Solid	Off-Site	Active	

Back

Katrina Cheng

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Monday, October 16, 2023 2:33 PM
To: Katrina Cheng
Subject: RE: TSSA Check Request

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are records in our current database of fuel storage tanks at the subject address(es).

Inventory[Inventory Number]	Inventory[Inventory Address]	Inventory[Inventory City]	Inventory[Inventory Province]	Inventory[Inventory Postal Code]	Inventory[Inventory Status]	Inventory[Asset Class / Inventory Context]	Inventory[Asset Type / Inventory Item]
49582703	620 YONGE ST	BARRIE	ON	L4N 4E6	Active	Propane	FS CYLINDER EXCHANGE

For copies of a document, please submit an application through TSSA's Service Prepayment Portal

Please follow the steps below to access the applications and the Service Prepayment Portal.

Accessing the applications

1. Click [Release of Public Information](#) - TSSA and click "need a copy of a document"
2. Select the appropriate application, download it, complete it in full and save it (Note: you will have to upload the application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment

options (the link will take you the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

1. Select new or existing customer (*if you are an existing customer, you will need your account number & postal code to access your account)
2. Under “Program Area” select **Public Information** and click continue
3. Enter application form number (found on the bottom left corner of the application form) and click continue
4. Complete the primary contact information section
5. Complete the fee section
6. Upload your completed application
7. Upload supporting documents (if required) and click continue

Once all steps have been successfully completed you will receive your payment receipt via email.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Regards,
Nicola

From: Katrina Cheng <katrinac@solaengineering.ca>
Sent: Monday, October 16, 2023 1:51 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Re: TSSA Check Request

[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.

Hi,

We would like to inquire about fuel storage tanks at the following addresses in Barrie:

1. 48 Dean Avenue
2. 620 Yonge St
3. 70 Dean Avenue

4. 624 Yonge St
5. 42 Dean Ave
6. 632 Yonge St
7. 636 Yonge Street
8. 9 Raquel Street
9. 43 Dean Avenue
10. 55 Dean Avenue

Warm regards,

Katrina Cheng

Junior Environmental Scientist, M.Eng., E.I.T.



T. (905) 760-9501 | C. (647) 379-1557 | F. (905) 761-1822
katrinac@solaengineering.ca | www.solaengineering.ca

GEOTECHNICAL ENGINEERING | ENVIRONMENTAL ENGINEERING | MATERIALS TESTING & INSPECTION

From: Public Information Services <publicinformationsservices@tssa.org>

Sent: Friday, October 13, 2023 3:09 PM

To: Katrina Cheng <katrinac@solaengineering.ca>

Subject: RE: TSSA Check Request

Hello ,



APPENDIX G

AERIAL PHOTOGRAPHS



Aerial Photograph
1954

Date:
November 2023

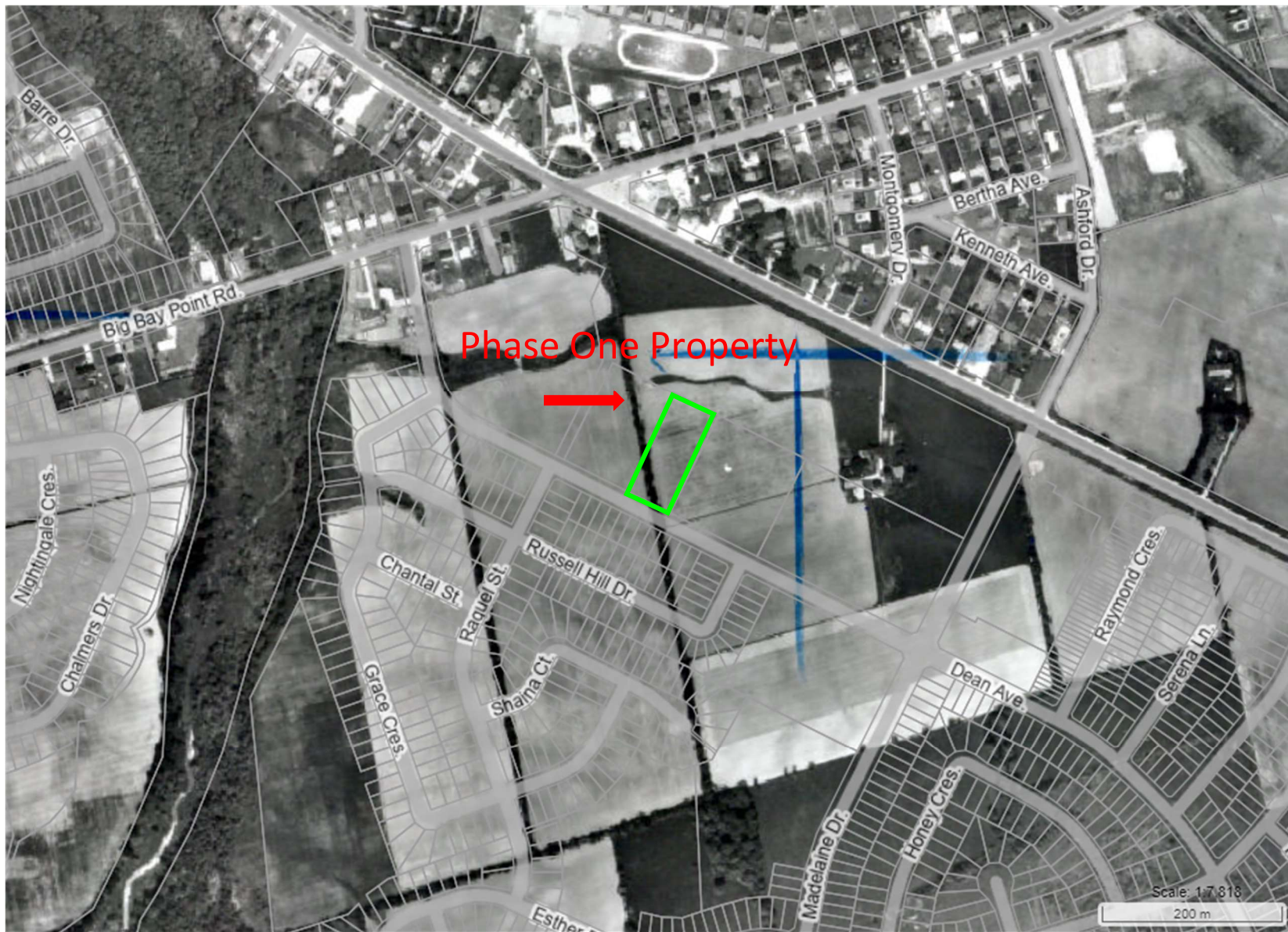
Drawn By:
KC

Scale:
Shown in figure

Approved By:
NR

Project Number:
2023-11249

Resource:
Interactive Map – County of Simcoe
(GIS)



Date:
November 2023

Scale:
Shown in figure

Project Number:
2023-11249

Aerial Photograph
1978

Drawn By:
KC

Approved By:
NR

Resource:
Interactive Map – County of Simcoe
(GIS)



Aerial Photograph
2002

Date:
November 2023

Drawn By:
KC

Scale:
Shown in figure

Approved By:
NR

Project Number:
2023-11249

Resource:
Interactive Map – County of Simcoe
(GIS)



Aerial Photograph
2008

Date:
November 2023

Drawn By:
KC

Scale:
Shown in figure

Approved By:
NR

Project Number:
2023-11249

Resource:
Interactive Map – County of Simcoe
(GIS)



Aerial Photograph
2012

Date:
November 2023

Drawn By:
KC

Scale:
Shown in figure

Approved By:
NR

Project Number:
2023-11249

Resource:
Interactive Map – County of Simcoe
(GIS)



Aerial Photograph
2022

Date:
November 2023

Drawn By:
KC

Scale:
Shown in figure

Approved By:
NR

Project Number:
2023-11249

Resource:
Interactive Map – County of Simcoe
(GIS)



APPENDIX H INTERVIEWS

Phase One/APU Site Recon Check List:

Date: 10/23

Time/Duration:

Weather Conditions: Mostly Sunny 3°C

Operating or not? Y/N

Enhanced Investigation Property (EIP) or not? Y/N

Investigator Name:

Qualification:

Generally, record the locations of utilities, stains and odor if observed.

Take photos on site/in the study area for any suspected PCA that may cause APEC.

Take photos on site in 360 degrees to show the entire site.

What is the water source for the site? Potable and non-potable?

no wells observed

no stain.

Description of the structure including number and age of buildings:

No Vacant.

Description of the below-ground structure including number and age of buildings:

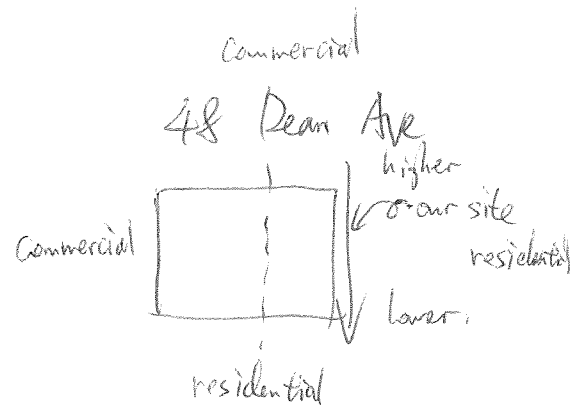
Any AST/UST? Material, method of construction, age, contents, volume, in use or not?

Not observed.

Type and approximate location of underground utilities? (Sewer, water, electrical or gas lines)

Any exit and entry points for any buildings, or structures?

Existing and former heating systems? Including type and fuel source?



Cooling systems including type and fuel source?

Drains, pits, sumps, and any potential discharge locations, current use, former use?

Any wells? Location, purpose, water level?

Any well serviced by a municipal drinking water system and the well supplies water used for human consumption or an agricultural use within the phase one study area?

Ground surface, type of ground cover?

Any current or former railway lines or spurs and locations?

Any stained soil, vegetation or pavement?

Stressed vegetation?

Area where fill and debris materials appear to have been placed or graded?

Anything might be PCAs?

1. Acid and Alkali Manufacturing, Processing and Bulk Storage
2. Adhesives and Resins Manufacturing, Processing and Bulk Storage
3. Airstrips and Hangars Operation

4. Antifreeze and De-icing Manufacturing and Bulk Storage
5. Asphalt and Bitumen Manufacturing
6. Battery Manufacturing, Recycling and Bulk Storage
7. Boat Manufacturing
8. Chemical Manufacturing, Processing and Bulk Storage
9. Coal Gasification
10. Commercial Autobody Shops
11. Commercial Trucking and Container Terminals
12. Concrete, Cement and Lime Manufacturing
13. Cosmetics Manufacturing, Processing and Bulk Storage
14. Crude Oil Refining, Processing and Bulk Storage
15. Discharge of Brine related to oil and gas production
16. Drum and Barrel and Tank Reconditioning and Recycling
17. Dye Manufacturing, Processing and Bulk Storage
18. Electricity Generation, Transformation and Power Stations
19. Electronic and Computer Equipment Manufacturing
20. Explosives and Ammunition Manufacturing, Production and Bulk Storage
21. Explosives and Firing Range
22. Fertilizer Manufacturing, Processing and Bulk Storage
23. Fire Retardant Manufacturing, Processing and Bulk Storage
24. Fire Training
25. Flocculants Manufacturing, Processing and Bulk Storage
26. Foam and Expanded Foam Manufacturing and Processing
27. Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
28. Gasoline and Associated Products Storage in Fixed Tanks
29. Glass Manufacturing
30. Importation of Fill Material of Unknown Quality
31. Ink Manufacturing, Processing and Bulk Storage
32. Iron and Steel Manufacturing and Processing
33. Metal Treatment, Coating, Plating and Finishing
34. Metal Fabrication
35. Mining, Smelting and Refining; Ore Processing; Tailings Storage
36. Oil Production
37. Operation of Dry Cleaning Equipment (where chemicals are used)
38. Ordnance Use
39. Paints Manufacturing, Processing and Bulk Storage
40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
41. Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
42. Pharmaceutical Manufacturing and Processing
43. Plastics (including Fibreglass) Manufacturing and Processing
44. Port Activities, including Operation and Maintenance of Wharves and Docks
45. Pulp, Paper and Paperboard Manufacturing and Processing
46. Rail Yards, Tracks and Spurs
47. Rubber Manufacturing and Processing

48. Salt Manufacturing, Processing and Bulk Storage
49. Salvage Yard, including automobile wrecking
50. Soap and Detergent Manufacturing, Processing and Bulk Storage
51. Solvent Manufacturing, Processing and Bulk Storage
52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
53. Tannery
54. Textile Manufacturing and Processing
55. Transformer Manufacturing, Processing and Use
56. Treatment of Sewage equal to or greater than 10,000 litres per day
57. Vehicles and Associated Parts Manufacturing
58. Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

If the Site is an EIP, then:

Does the operations including processing or manufacturing? Any equipment in use for processing or manufacturing purposes? Y/N

Any hazardous materials used or stored at the phase one property?

Any products manufactured at phase one property?

Any by-products and wastes at the phase one property?

Any raw materials handling and storage locations at the phase one property, whether in use or not?

Any drums, totes and bins at the phase one property?

Any oil/water separators at the phase one property? Including for each separator the location, installation date, source of incoming liquid and effluent discharge location?

Any vehicle and equipment maintenance areas? Including the locations of maintenance, fluid storage, and waste storage areas, whether in use or not

Any spills? Including the dates, locations, materials involved, and volumes of material spilled

Any liquid discharge points such as water and French drains, including their locations?

Any hydraulic lift equipment at the property? Including elevators, in-ground hoists and loading docks



APPENDIX I

SITE PHOTOGRAPHS



390 Edgeley Blvd., Units 25 & 26,
Vaughan, Ontario L4K 3Z6
T: 905-760-9501 | F: 905-761-1822
W: www.solaengineering.ca

GEOTECHNICAL ENGINEERING | ENVIRONMENTAL ENGINEERING | MATERIALS TESTING & INSPECTIONS

APPENDIX I

SITE PHOTOGRAPHS



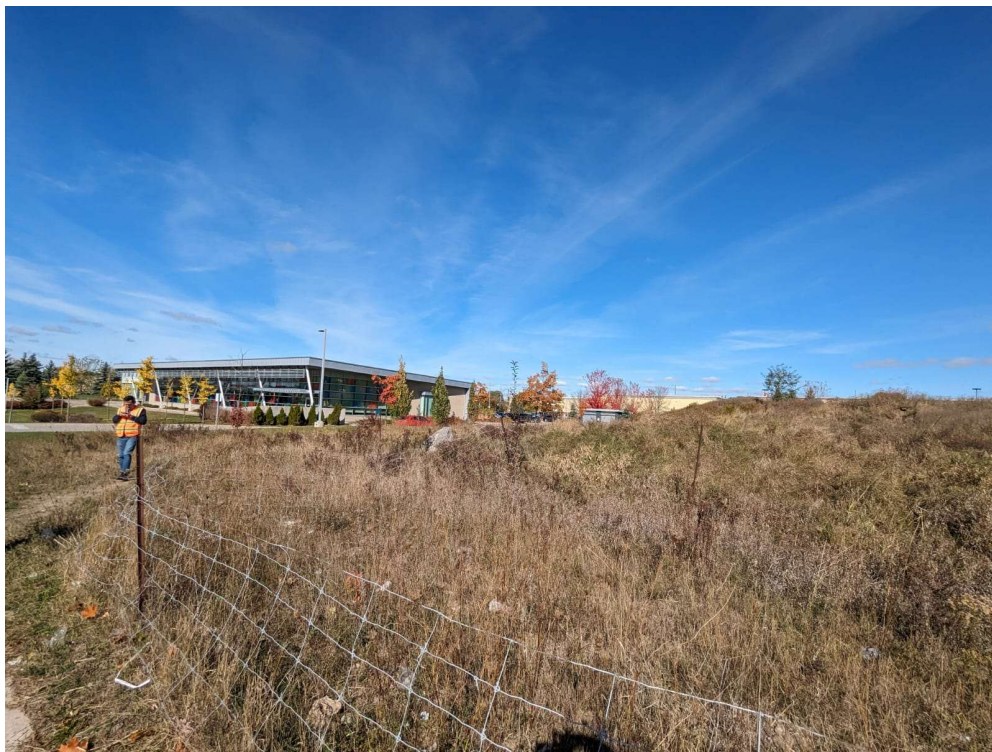
1. View of the north portion of the Phase One Property, facing northeast



2. View of the east portion of the Phase One Property, facing southeast



3. View of the south portion of the Phase One Property, facing southwest



4. View of the south portion of the Phase One Property and the Public Library, facing northwest



5. View of sidewalk on the south side of the Phase One Property, facing southeast



APPENDIX J

PREVIOUS ENVIRONMENTAL OR OTHER REPORT

October 18, 2023

Project #: 23-0527

City of Barrie
70 Collier Street
Barrie, Ontario L4M 4T5

Attention: Rick Pews, P. Eng., Director of Corporate Facilities

Sent via email: rick.pews@barrie.ca

SUBJECT : ENVIRONMENTAL SOIL CHARACTERIZATION, 48 DEAN AVENUE

EnVision Consultants Ltd. (EnVision) was retained by the City of Barrie (the 'Client') to conduct Environmental Soil Characterization to support the proposed regrading of the property adjacent to the Painswick Branch of the Barrie Public Library located at 48 Dean Avenue

The Site is located approximately 100 m west of the intersection of Raquel Street and Dean Avenue in a mixed residential, community, and commercial area in the City of Barrie. The Site is primarily rectangular in shape, with approximately 60 m of frontage along Dean Avenue to the south. The site is vacant with the exception of two (2) stockpiles (Stockpile 1 and Stockpile 2) occupying the majority of the Site. The location and orientation of the Site and stockpiles are depicted on **Figure 1**, attached.

It is our understanding that both stockpiles are proposed for regrading for the purposes of supporting future development and limiting vegetation overgrowth. As such, these works were completed for due-diligence purposes to gain a preliminary understanding of soil quality within the stockpiles to assess the adherence, or lack thereof, of stockpile soils to applicable site condition standards. EnVision notes that this investigation does not comment on the geotechnical suitability of the soils stockpiled.

FIELD METHODOLOGY

On October 2, 2023, 23 boreholes (TP23-1 through TP23-23) were advanced within Stockpile 1 (11 test pits) and Stockpile 2 (12 test pits) at depths ranging from ground surface to 2.43 meters below the highest elevation of the stockpiles utilizing a mini-excavator. The test pit locations are depicted on **Figure 1**, attached.

Soil samples were classified and screened in the field to identify any potential environmental impacts within the stockpiles and identify the potential worst-case soil samples for submission. The general stratigraphy within stockpile 1 was dark brown fill material comprised of silt, sand, and clay containing some small stones and organics. Stockpile 2 was mainly comprised of silty clay and clayey silt material



containing organics and some stones. As the stockpiles are above the surrounding grade, groundwater was not measured or assessed as part of this investigation.

Soil samples were field screened using a Combustible Gas Detector (CGD) and Photoionization Detector (PID) installed on an RKI Eagle 2 Multi-Gas Detector. CGD readings were found to range from 0 to 10 ppm and PID readings ranged from 0 to 2 ppm. In addition to visual and olfactory observations, the results of field screening were used to determine worst-case samples for submission to ensure soils analyzed were representative of the maximum concentrations of contaminants within the stockpiles.

Soil samples were collected and handled in general accordance with the Ministry of Environment, Conservation, and Parks (MECP) Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario. In accordance with MECP sampling protocols, new disposable gloves were used during each sampling event to transfer the samples into laboratory supplied 250 mL and 120 mL clear glass jars and 40 mL methanol-preserved vials at the time of sampling. The glass sample jars/vials were kept in a cooler with ice during field storage and transportation, and the samples were kept out of direct sunlight during field storage.

Table 1 summarizes the samples submitted for select laboratory analysis of metals and other regulated parameters (ORPs), petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), volatile organic compounds (VOCs), and polycyclic aromatic hydrocarbons (PAHs).

Table 1: Summary of Chemical Analysis in Soil

TEST PIT ID	DEPTH (BELOW TOP OF STOCKPILE, METRES)	ANALYSIS			
		M&ORPs	PHCs & BTEX	VOCs	PAHs
TP23-4	0.76 – 1.53	•	•	•	•
TP23-7	0.0 – 0.76	•	•	•	•
TP23-10	1.83 – 2.43	•	•	•	•
TP23-12	1.53 – 2.3	•	•	•	•
TP23-19	0.0 – 0.76	•	•	•	•
TP23-22	0.76 – 1.53	•	•	•	•

In addition, one (1) blind field duplicate (S23-1) was submitted for QA/QC purposes.

SITE CONDITION STANDARDS

The results of the bulk laboratory analyses were compared to the following standards outlined in the MECP publication Rules for Soil Management and Excess Soil Quality Standards (December 8, 2020):

- Table 2.1 Full Depth Excess Soil Quality Standards (ESQS) in a Potable Ground Water Condition for Residential, Parkland, and/or Institutional Use (RPI) (Table 2.1 SCS).



These standards were utilized to give a general understanding of the quality of soils at the Site and to assess the feasibility of regrading the stockpiles across the Site.

LABORATORY ANALYSIS

The chemical analyses were conducted by ALS Laboratories (ALS) located in Mississauga, Ontario. ALS is a member of the of the Standard Council of Canada (SCC), meeting the requirements of Section 47 of O. Reg. 153/04 certifying that the analytical laboratory be accredited in accordance with the International Standard ISO/IEC 17025 and with standards developed by the Standards Council of Canada. The Certificate of Analysis is included as **Appendix A**.

The soil analytical results indicated that all tested samples met the Table 2.1 SCS for all parameters tested.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the chemical analysis, EnVision provides the following conclusions and recommendations:

- Sampled soils within the stockpiles from TP23-4, TP23-7, TP23-10, TP23-12, TP23-19, and TP23-22 were found to meet the Table 2.1 SCS for all parameters analyzed.
- Based on the investigation grading the stockpiles throughout the site is acceptable from an environmental perspective.

Should soils that vary from the conditions described in this memo during excavation or regrading, including any aesthetically impacted or odorous soils, it is recommended that EnVision be notified in order to conduct further assessment and/or testing of the material in question.

CLOSING

The purpose of this testing was to evaluate the concentrations of select parameters in representative soil samples and does not constitute a Phase Two Environmental Site Assessment as defined in O. Reg. 153/04 or a Soil Characterization Report (SCR) as defined by O. Reg 406/19. At the request of the Client, the works undertaken by EnVision were completed solely to determine the chemical composition of the soils at the sampled locations and did not include investigations and reporting in accordance with Ontario Regulation 406/19 (O. Reg 406/19). Additional reporting and/or testing of this material may be required to support disposal and/or potential reuse.

This Environmental Soil Characterization, was prepared for the account of City of Barrie. EnVision has completed this assessment in accordance with generally accepted professional practises and procedures applicable at the time of preparation. These services are not subject to any express or implied warranties, and none should be inferred. The material in this memo reflects EnVision's judgement in light of the information available at the time of preparation. Any use, which a Third Party not noted above makes of this report, or any reliance on decisions to be made based on it, are the responsibility of such Third Parties. EnVision accepts no responsibility for damages, if any, suffered by a Third Party as a result of decisions made or actions based on this report.

We thank you for allowing us to take part in your project. Should you have any questions or wish to review the contents of this letter in more detail, please do not hesitate to contact the undersigned.

Yours sincerely,

EnVision Consultants Ltd.



Kyle Serafini, B.A.,
Environmental Technician
kserafini@envisionconsultants.ca



David Hofbauer, M.A.Sc., P.Eng.,
Senior Engineer
dhofbauer@envisionconsultants.ca

INCLUSIONS

FIGURES

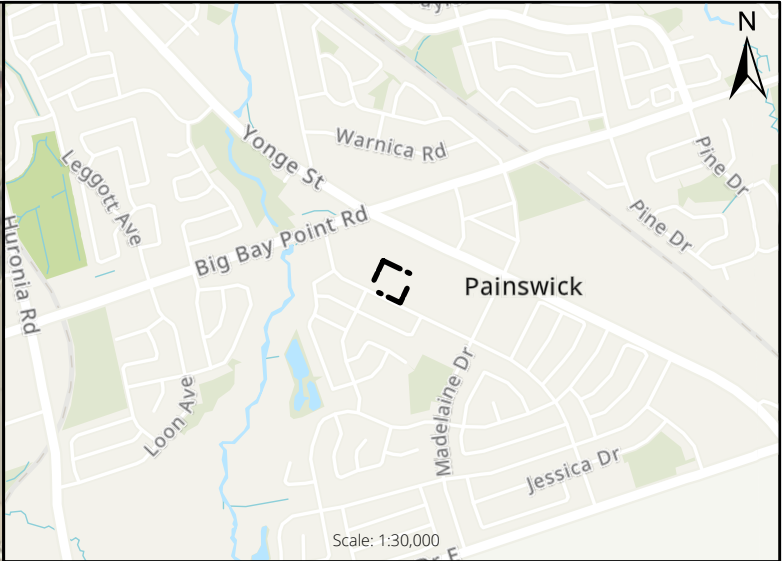
Figure 1 Test Pit Location Plan

APPENDICES

APPENDIX A: Certificate of Analysis



FIGURES



LEGEND				
<div><div></div> SITE BOUNDARY</div>				
<div><div></div> STOCKPILE</div>				
<div><div></div> TEST PIT LOCATION</div>				
<div><div></div> TEST PIT LOCATION SUBMITTED FOR SAMPLING</div>				



APPENDIX A:

Certificate of Analysis

CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

Work Order	: WT2331779	Page	: 1 of 11
Client	: EnVision Consultants Ltd.	Laboratory	: ALS Environmental - Waterloo
Contact	: Paul Orchard	Account Manager	: Emily Hansen
Address	: 6415 Northwest Drive U37-40 Mississauga ON Canada L4V 1X1	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	: ----	Telephone	: +1 519 886 6910
Project	: 23-0527	Date Samples Received	: 03-Oct-2023 13:15
PO	: ----	Date Analysis Commenced	: 03-Oct-2023
C-O-C number	: ----	Issue Date	: 10-Oct-2023 21:36
Sampler	: KS		
Site	: ----		
Quote number	: 2022 Standing Offer		
No. of samples received	: 7		
No. of samples analysed	: 7		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Guideline Comparison

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Greg Pokocky	Manager - Inorganics	Inorganics, Waterloo, Ontario
Greg Pokocky	Manager - Inorganics	Metals, Waterloo, Ontario
Jeremy Gingras	Supervisor - Semi-Volatile Instrumentation	Organics, Waterloo, Ontario
Niral Patel		Centralized Prep, Waterloo, Ontario
Sarah Birch	VOC Section Supervisor	VOC, Waterloo, Ontario



No Breaches Found

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to fitness for a particular purpose, or non-infringement. ALS assumes no responsibility for errors or omissions in the information. Guidelines are not adjusted for the hardness, pH or temperature of the sample (the most conservative values are used). Measurement uncertainty is not applied to test results prior to comparison with specified criteria values.

Key : LOR: Limit of Reporting (detection limit).

Unit	Description
-	no units
%	percent
mg/kg	milligrams per kilogram
mg/L	milligrams per litre
mS/cm	millisiemens per centimetre
pH units	pH units

>: greater than.

<: less than.

Red shading is applied where the result or the LOR is greater than the Guideline Upper Limit (or lower than the Guideline Lower Limit, if applicable).

For drinking water samples, Red shading is applied where the result for E.coli, fecal or total coliforms is greater than or equal to the Guideline Upper Limit.



Analytical Results Evaluation

				Client sample ID	TP23- 10	TP23- 7	TP23- 4	TP23- 12	TP23- 22	TP23- 19	S23- 1
Matrix: Soil				Sampling date/time	02-Oct-2023 09:20	02-Oct-2023 08:45	02-Oct-2023 08:20	02-Oct-2023 09:35	02-Oct-2023 11:05	02-Oct-2023 10:40	02-Oct-2023 00:00
				Sub-Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	CAS Number	Method/Lab	Unit		WT2331779-001	WT2331779-002	WT2331779-003	WT2331779-004	WT2331779-005	WT2331779-006	WT2331779-007
Physical Tests											
Conductivity (1:2 leachate)	----	E100-L/WT	mS/cm		0.103	0.107	0.112	0.130	0.138	0.134	0.106
Moisture	----	E144/WT	%		4.86	7.18	5.46	7.63	9.40	9.10	7.86
pH (1:2 soil:CaCl2-aq)	----	E108A/WT	pH units		7.59	7.57	7.67	7.44	7.35	7.31	7.55
Cyanides											
Cyanide, weak acid dissociable	----	E336A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fixed-Ratio Extractables											
Calcium, soluble ion content	7440-70-2	E484/WT	mg/L		7.66	8.27	10.4	11.5	13.5	12.2	8.38
Magnesium, soluble ion content	7439-95-4	E484/WT	mg/L		<0.50	0.63	0.97	0.68	0.84	0.61	0.62
Sodium, soluble ion content	17341-25-2	E484/WT	mg/L		0.97	0.81	1.67	1.97	1.87	1.30	0.72
Sodium adsorption ratio [SAR]	----	E484/WT	-		<0.10	<0.10	0.13	0.15	0.13	<0.10	<0.10
Metals											
Antimony	7440-36-0	E440C/WT	mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Arsenic	7440-38-2	E440C/WT	mg/kg		1.33	1.42	1.61	1.99	2.48	2.12	1.51
Barium	7440-39-3	E440C/WT	mg/kg		54.7	61.0	72.6	99.8	122	96.9	67.7
Beryllium	7440-41-7	E440C/WT	mg/kg		0.31	0.35	0.41	0.56	0.69	0.62	0.36
Boron	7440-42-8	E440C/WT	mg/kg		5.0	6.5	6.8	8.4	9.1	8.6	7.0
Boron, hot water soluble	7440-42-8	E487/WT	mg/kg		<0.10	0.13	0.17	0.19	0.22	0.18	0.11
Cadmium	7440-43-9	E440C/WT	mg/kg		0.063	0.083	0.107	0.152	0.215	0.174	0.090
Chromium	7440-47-3	E440C/WT	mg/kg		15.6	16.5	22.9	26.2	43.2	32.2	18.6
Cobalt	7440-48-4	E440C/WT	mg/kg		4.42	4.56	5.54	6.99	8.63	7.53	5.11
Copper	7440-50-8	E440C/WT	mg/kg		7.96	8.53	9.72	11.4	13.4	12.1	9.12
Lead	7439-92-1	E440C/WT	mg/kg		3.28	4.47	4.97	7.03	9.31	7.95	4.83
Mercury	7439-97-6	E510C/WT	mg/kg		0.0111	0.0124	0.0204	0.0319	0.0380	0.0333	0.0136
Molybdenum	7439-98-7	E440C/WT	mg/kg		0.15	0.19	0.17	0.20	0.26	0.22	0.18
Nickel	7440-02-0	E440C/WT	mg/kg		7.75	8.28	9.94	12.6	15.4	13.7	9.05
Selenium	7782-49-2	E440C/WT	mg/kg		<0.20	<0.20	<0.20	<0.20	0.24	<0.20	<0.20
Silver	7440-22-4	E440C/WT	mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10



Analytical Results Evaluation

				Client sample ID	TP23- 10	TP23- 7	TP23- 4	TP23- 12	TP23- 22	TP23- 19	S23- 1
Matrix: Soil				Sampling date/time	02-Oct-2023 09:20	02-Oct-2023 08:45	02-Oct-2023 08:20	02-Oct-2023 09:35	02-Oct-2023 11:05	02-Oct-2023 10:40	02-Oct-2023 00:00
				Sub-Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	CAS Number	Method/Lab	Unit		WT2331779-001	WT2331779-002	WT2331779-003	WT2331779-004	WT2331779-005	WT2331779-006	WT2331779-007
Metals											
Thallium	7440-28-0	E440C/WT	mg/kg		0.059	0.073	0.087	0.125	0.140	0.128	0.081
Uranium	7440-61-1	E440C/WT	mg/kg		0.311	0.365	0.371	0.435	0.542	0.468	0.375
Vanadium	7440-62-2	E440C/WT	mg/kg		29.3	29.2	34.4	37.9	48.0	42.2	33.8
Zinc	7440-66-6	E440C/WT	mg/kg		24.0	26.6	32.3	37.7	47.8	41.8	28.2
Speciated Metals											
Chromium, hexavalent [Cr VI]	18540-29-9	E532/WT	mg/kg		0.15	0.15	0.14	<0.10	<0.10	0.25	0.13
Volatile Organic Compounds											
Acetone	67-64-1	E611D/WT	mg/kg		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Benzene	71-43-2	E611D/WT	mg/kg		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Bromodichloromethane	75-27-4	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Bromoform	75-25-2	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Bromomethane	74-83-9	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Carbon tetrachloride	56-23-5	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chlorobenzene	108-90-7	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chloroform	67-66-3	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dibromochloromethane	124-48-1	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dibromoethane, 1,2-	106-93-4	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichlorobenzene, 1,2-	95-50-1	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichlorobenzene, 1,3-	541-73-1	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichlorobenzene, 1,4-	106-46-7	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichlorodifluoromethane	75-71-8	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloroethane, 1,1-	75-34-3	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloroethane, 1,2-	107-06-2	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloroethylene, 1,1-	75-35-4	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloroethylene, cis-1,2-	156-59-2	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloroethylene, trans-1,2-	156-60-5	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloromethane	75-09-2	E611D/WT	mg/kg		<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Dichloropropane, 1,2-	78-87-5	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050



Analytical Results Evaluation

				Client sample ID	TP23- 10	TP23- 7	TP23- 4	TP23- 12	TP23- 22	TP23- 19	S23- 1
Matrix: Soil				Sampling date/time	02-Oct-2023 09:20	02-Oct-2023 08:45	02-Oct-2023 08:20	02-Oct-2023 09:35	02-Oct-2023 11:05	02-Oct-2023 10:40	02-Oct-2023 00:00
				Sub-Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	CAS Number	Method/Lab	Unit		WT2331779-001	WT2331779-002	WT2331779-003	WT2331779-004	WT2331779-005	WT2331779-006	WT2331779-007
Volatile Organic Compounds											
Dichloropropylene, cis+trans-1,3-	542-75-6	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dichloropropylene, cis-1,3-	10061-01-5	E611D/WT	mg/kg		<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Dichloropropylene, trans-1,3-	10061-02-6	E611D/WT	mg/kg		<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Ethylbenzene	100-41-4	E611D/WT	mg/kg		<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Hexane, n-	110-54-3	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Methyl ethyl ketone [MEK]	78-93-3	E611D/WT	mg/kg		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl isobutyl ketone [MIBK]	108-10-1	E611D/WT	mg/kg		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D/WT	mg/kg		<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Styrene	100-42-5	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Tetrachloroethane, 1,1,1,2-	630-20-6	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Tetrachloroethane, 1,1,2,2-	79-34-5	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Tetrachloroethylene	127-18-4	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	108-88-3	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Trichloroethane, 1,1,1-	71-55-6	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Trichloroethane, 1,1,2-	79-00-5	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Trichloroethylene	79-01-6	E611D/WT	mg/kg		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Trichlorofluoromethane	75-69-4	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Vinyl chloride	75-01-4	E611D/WT	mg/kg		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Xylene, m+p-	179601-23-1	E611D/WT	mg/kg		<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Xylene, o-	95-47-6	E611D/WT	mg/kg		<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Xylenes, total	1330-20-7	E611D/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
BTEX, total	----	E611D/WT	mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hydrocarbons											
F1 (C6-C10)	----	E581.F1/WT	mg/kg		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
F2 (C10-C16)	----	E601.SG-L/WT	mg/kg		<10	<10	<10	<10	<10	<10	<10
F2-Naphthalene	----	EC600/WT	mg/kg		<25	<25	<25	<25	<25	<25	<25
F3 (C16-C34)	----	E601.SG-LWT	mg/kg		<50	<50	<50	<50	<50	<50	<50
F3-PAH	n/a	EC600/WT	mg/kg		<50	<50	<50	<50	<50	<50	<50



Analytical Results Evaluation

				Client sample ID	TP23- 10	TP23- 7	TP23- 4	TP23- 12	TP23- 22	TP23- 19	S23- 1
Matrix: Soil				Sampling date/time	02-Oct-2023 09:20	02-Oct-2023 08:45	02-Oct-2023 08:20	02-Oct-2023 09:35	02-Oct-2023 11:05	02-Oct-2023 10:40	02-Oct-2023 00:00
				Sub-Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	CAS Number	Method/Lab	Unit		WT2331779-001	WT2331779-002	WT2331779-003	WT2331779-004	WT2331779-005	WT2331779-006	WT2331779-007
Hydrocarbons											
F4 (C34-C50)	----	E601.SG-LWT	mg/kg		<50	<50	<50	<50	<50	<50	<50
F1-BTEX	----	EC580/WT	mg/kg		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hydrocarbons, total (C6-C50)	----	EC581/WT	mg/kg		<80	<80	<80	<80	<80	<80	<80
Chromatogram to baseline at nC50	n/a	E601.SG-LWT	-		YES	YES	YES	YES	YES	YES	YES
Hydrocarbons Surrogates											
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	E601.SG-LWT	%		88.8	92.7	89.7	92.3	88.9	94.0	90.2
Dichlorotoluene, 3,4-	95-75-0	E581.F1/WT	%		98.9	90.9	94.8	93.3	72.7	85.2	91.8
Volatile Organic Compounds Surrogates											
Bromofluorobenzene, 4-	460-00-4	E611D/WT	%		90.7	84.3	86.0	81.5	68.7	81.1	79.8
Difluorobenzene, 1,4-	540-36-3	E611D/WT	%		103	94.8	96.4	106	91.7	108	104
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	83-32-9	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Acenaphthylene	208-96-8	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Anthracene	120-12-7	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benz(a)anthracene	56-55-3	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(a)pyrene	50-32-8	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(b+j)fluoranthene	n/a	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(g,h,i)perylene	191-24-2	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(k)fluoranthene	207-08-9	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chrysene	218-01-9	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Dibenz(a,h)anthracene	53-70-3	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoranthene	206-44-0	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluorene	86-73-7	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Indeno(1,2,3-c,d)pyrene	193-39-5	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Methylnaphthalene, 1-	90-12-0	E641A/WT	mg/kg		<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Methylnaphthalene, 1+2-	----	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Methylnaphthalene, 2-	91-57-6	E641A/WT	mg/kg		<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Naphthalene	91-20-3	E641A/WT	mg/kg		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010



Analytical Results Evaluation

Matrix: Soil

				Client sample ID	TP23- 10	TP23- 7	TP23- 4	TP23- 12	TP23- 22	TP23- 19	S23- 1
				Sampling date/time	02-Oct-2023 09:20	02-Oct-2023 08:45	02-Oct-2023 08:20	02-Oct-2023 09:35	02-Oct-2023 11:05	02-Oct-2023 10:40	02-Oct-2023 00:00
				Sub-Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	CAS Number	Method/Lab	Unit		WT2331779-001	WT2331779-002	WT2331779-003	WT2331779-004	WT2331779-005	WT2331779-006	WT2331779-007
Polycyclic Aromatic Hydrocarbons											
Phenanthrene	85-01-8	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Pyrene	129-00-0	E641A/WT	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Polycyclic Aromatic Hydrocarbons Surrogates											
Acridine-d9	34749-75-2	E641A/WT	%		94.6	94.7	96.7	93.9	97.3	95.1	99.3
Chrysene-d12	1719-03-5	E641A/WT	%		95.6	97.2	98.3	95.6	100	97.5	103
Naphthalene-d8	1146-65-2	E641A/WT	%		95.7	93.5	97.3	94.4	97.6	96.5	99.0
Phenanthrene-d10	1517-22-2	E641A/WT	%		94.3	94.8	96.4	94.3	98.0	95.5	98.7

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.



Summary of Guideline Limits

Analyte	CAS Number	Unit	ON406 T2.1-S-RPI						
Physical Tests									
Conductivity (1:2 leachate)	----	mS/cm	0.7 mS/cm						
Moisture	----	%	--						
pH (1:2 soil:CaCl2-aq)	----	pH units	--						
Cyanides									
Cyanide, weak acid dissociable	----	mg/kg	0.051 mg/kg						
Fixed-Ratio Extractables									
Calcium, soluble ion content	7440-70-2	mg/L	--						
Magnesium, soluble ion content	7439-95-4	mg/L	--						
Sodium adsorption ratio [SAR]	----	-	5 -						
Sodium, soluble ion content	17341-25-2	mg/L	--						
Metals									
Antimony	7440-36-0	mg/kg	7.5 mg/kg						
Arsenic	7440-38-2	mg/kg	18 mg/kg						
Barium	7440-39-3	mg/kg	390 mg/kg						
Beryllium	7440-41-7	mg/kg	4 mg/kg						
Boron, hot water soluble	7440-42-8	mg/kg	1.5 mg/kg						
Boron	7440-42-8	mg/kg	120 mg/kg						
Cadmium	7440-43-9	mg/kg	1.2 mg/kg						
Chromium	7440-47-3	mg/kg	160 mg/kg						
Cobalt	7440-48-4	mg/kg	22 mg/kg						
Copper	7440-50-8	mg/kg	140 mg/kg						
Lead	7439-92-1	mg/kg	120 mg/kg						
Mercury	7439-97-6	mg/kg	0.27 mg/kg						
Molybdenum	7439-98-7	mg/kg	6.9 mg/kg						
Nickel	7440-02-0	mg/kg	100 mg/kg						
Selenium	7782-49-2	mg/kg	2.4 mg/kg						
Silver	7440-22-4	mg/kg	20 mg/kg						
Thallium	7440-28-0	mg/kg	1 mg/kg						
Uranium	7440-61-1	mg/kg	23 mg/kg						
Vanadium	7440-62-2	mg/kg	86 mg/kg						
Zinc	7440-66-6	mg/kg	340 mg/kg						
Speciated Metals									
Chromium, hexavalent [Cr VI]	18540-29-9	mg/kg	8 mg/kg						
Volatile Organic Compounds									
Acetone	67-64-1	mg/kg	0.5 mg/kg						
Benzene	71-43-2	mg/kg	0.02 mg/kg						
Bromodichloromethane	75-27-4	mg/kg	0.05 mg/kg						



Analyte	CAS Number	Unit	ON406 T2.1-S-RPI						
Volatile Organic Compounds - Continued									
Bromoform	75-25-2	mg/kg	0.05 mg/kg						
Bromomethane	74-83-9	mg/kg	0.05 mg/kg						
BTEX, total	----	mg/kg	--						
Carbon tetrachloride	56-23-5	mg/kg	0.05 mg/kg						
Chlorobenzene	108-90-7	mg/kg	0.083 mg/kg						
Chloroform	67-66-3	mg/kg	0.05 mg/kg						
Dibromochloromethane	124-48-1	mg/kg	0.05 mg/kg						
Dibromoethane, 1,2-	106-93-4	mg/kg	0.05 mg/kg						
Dichlorobenzene, 1,2-	95-50-1	mg/kg	3.4 mg/kg						
Dichlorobenzene, 1,3-	541-73-1	mg/kg	0.26 mg/kg						
Dichlorobenzene, 1,4-	106-46-7	mg/kg	0.05 mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg	1.5 mg/kg						
Dichloroethane, 1,1-	75-34-3	mg/kg	0.05 mg/kg						
Dichloroethane, 1,2-	107-06-2	mg/kg	0.05 mg/kg						
Dichloroethylene, 1,1-	75-35-4	mg/kg	0.05 mg/kg						
Dichloroethylene, cis-1,2-	156-59-2	mg/kg	0.05 mg/kg						
Dichloroethylene, trans-1,2-	156-60-5	mg/kg	0.05 mg/kg						
Dichloromethane	75-09-2	mg/kg	0.05 mg/kg						
Dichloropropane, 1,2-	78-87-5	mg/kg	0.05 mg/kg						
Dichloropropylene, cis+trans-1,3-	542-75-6	mg/kg	0.05 mg/kg						
Dichloropropylene, cis-1,3-	10061-01-5	mg/kg	--						
Dichloropropylene, trans-1,3-	10061-02-6	mg/kg	--						
Ethylbenzene	100-41-4	mg/kg	0.05 mg/kg						
Hexane, n-	110-54-3	mg/kg	2.5 mg/kg						
Methyl ethyl ketone [MEK]	78-93-3	mg/kg	0.5 mg/kg						
Methyl isobutyl ketone [MIBK]	108-10-1	mg/kg	0.5 mg/kg						
Methyl-tert-butyl ether [MTBE]	1634-04-4	mg/kg	0.05 mg/kg						
Styrene	100-42-5	mg/kg	0.05 mg/kg						
Tetrachloroethane, 1,1,1,2-	630-20-6	mg/kg	0.05 mg/kg						
Tetrachloroethane, 1,1,2,2-	79-34-5	mg/kg	0.05 mg/kg						
Tetrachloroethylene	127-18-4	mg/kg	0.05 mg/kg						
Toluene	108-88-3	mg/kg	0.2 mg/kg						
Trichloroethane, 1,1,1-	71-55-6	mg/kg	0.11 mg/kg						
Trichloroethane, 1,1,2-	79-00-5	mg/kg	0.05 mg/kg						
Trichloroethylene	79-01-6	mg/kg	0.05 mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg	0.25 mg/kg						
Vinyl chloride	75-01-4	mg/kg	0.02 mg/kg						
Xylene, m+p-	179601-23-1	mg/kg	--						
Xylene, o-	95-47-6	mg/kg	--						



Analyte	CAS Number	Unit	ON406 T2.1-S-RPI						
Volatile Organic Compounds - Continued									
Xylenes, total	1330-20-7	mg/kg	0.091 mg/kg						
Hydrocarbons									
Chromatogram to baseline at nC50	n/a	-	--						
F1 (C6-C10)	----	mg/kg	25 mg/kg						
F1-BTEX	----	mg/kg	25 mg/kg						
F2 (C10-C16)	----	mg/kg	10 mg/kg						
F2-Naphthalene	----	mg/kg	--						
F3 (C16-C34)	----	mg/kg	240 mg/kg						
F3-PAH	n/a	mg/kg	--						
F4 (C34-C50)	----	mg/kg	2800 mg/kg						
Hydrocarbons, total (C6-C50)	----	mg/kg	--						
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	%							
Dichlorotoluene, 3,4-	95-75-0	%							
Bromofluorobenzene, 4-	460-00-4	%							
Difluorobenzene, 1,4-	540-36-3	%							
Polycyclic Aromatic Hydrocarbons									
Acenaphthene	83-32-9	mg/kg	2.5 mg/kg						
Acenaphthylene	208-96-8	mg/kg	0.093 mg/kg						
Anthracene	120-12-7	mg/kg	0.16 mg/kg						
Benz(a)anthracene	56-55-3	mg/kg	0.5 mg/kg						
Benzo(a)pyrene	50-32-8	mg/kg	0.31 mg/kg						
Benzo(b+j)fluoranthene	n/a	mg/kg	3.2 mg/kg						
Benzo(g,h,i)perylene	191-24-2	mg/kg	6.6 mg/kg						
Benzo(k)fluoranthene	207-08-9	mg/kg	3.1 mg/kg						
Chrysene	218-01-9	mg/kg	7 mg/kg						
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.57 mg/kg						
Fluoranthene	206-44-0	mg/kg	0.69 mg/kg						
Fluorene	86-73-7	mg/kg	6.8 mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.38 mg/kg						
Methylnaphthalene, 1+2-	----	mg/kg	0.59 mg/kg						
Methylnaphthalene, 1-	90-12-0	mg/kg	0.59 mg/kg						
Methylnaphthalene, 2-	91-57-6	mg/kg	0.59 mg/kg						
Naphthalene	91-20-3	mg/kg	0.2 mg/kg						
Phenanthrene	85-01-8	mg/kg	6.2 mg/kg						
Pyrene	129-00-0	mg/kg	28 mg/kg						
Acridine-d9	34749-75-2	%							
Chrysene-d12	1719-03-5	%							
Naphthalene-d8	1146-65-2	%							
Phenanthrene-d10	1517-22-2	%							



Please refer to the General Comments section for an explanation of any qualifiers detected.

Key:

ON406	Ontario Regulation 406/19 - Excess Soils (Bulk) (12-April-2022)
T2.1-S-RPI	406 T2.1 - Volume Independent Soil - Res/Park/Inst Property Use

QUALITY CONTROL INTERPRETIVE REPORT

Work Order	: WT2331779	Page	: 1 of 18
Client	: EnVision Consultants Ltd.	Laboratory	: ALS Environmental - Waterloo
Contact	: Paul Orchard	Account Manager	: Emily Hansen
Address	: 6415 Northwest Drive U37-40 Mississauga ON Canada L4V 1X1	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	: ----	Telephone	: +1 519 886 6910
Project	: 23-0527	Date Samples Received	: 03-Oct-2023 13:15
PO	: ----	Issue Date	: 10-Oct-2023 21:36
C-O-C number	: ----		
Sampler	: KS		
Site	: ----		
Quote number	: 2022 Standing Offer		
No. of samples received	: 7		
No. of samples analysed	: 7		

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO: Data Quality Objective.

LOR: Limit of Reporting (detection limit).

RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- No Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.



Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓
Cyanides : WAD Cyanide (0.01M NaOH Extraction)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E336A	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	14 days	1 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E484	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E484	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E484	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E484	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E484	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E484	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Fixed-Ratio Extractables : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E484	02-Oct-2023	06-Oct-2023	180 days	5 days	✓	06-Oct-2023	180 days	0 days	✓
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] TP23- 10	E581.F1	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] TP23- 12	E581.F1	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] TP23- 19	E581.F1	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] TP23- 22	E581.F1	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] TP23- 4	E581.F1	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] TP23- 7	E581.F1	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Hydrocarbons : CCME PHC - F1 by Headspace GC-FID										
Glass soil methanol vial [ON MECP] S23- 1	E581.F1	02-Oct-2023	05-Oct-2023	14 days	4 days	✓	05-Oct-2023	40 days	0 days	✓
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E601.SG-L	02-Oct-2023	04-Oct-2023	14 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E487	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E487	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E487	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E487	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E487	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E487	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	0 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Metals : Boron-Hot Water Extractable by ICPOES										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E487	02-Oct-2023	06-Oct-2023	180 days	5 days	✓	06-Oct-2023	180 days	0 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E510C	02-Oct-2023	06-Oct-2023	28 days	4 days	✓	06-Oct-2023	28 days	4 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E510C	02-Oct-2023	06-Oct-2023	28 days	4 days	✓	06-Oct-2023	28 days	4 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E510C	02-Oct-2023	06-Oct-2023	28 days	4 days	✓	06-Oct-2023	28 days	4 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E510C	02-Oct-2023	06-Oct-2023	28 days	4 days	✓	06-Oct-2023	28 days	4 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E510C	02-Oct-2023	06-Oct-2023	28 days	4 days	✓	06-Oct-2023	28 days	4 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E510C	02-Oct-2023	06-Oct-2023	28 days	4 days	✓	06-Oct-2023	28 days	4 days	✓
Metals : Mercury in Soil/Solid by CVAAS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E510C	02-Oct-2023	06-Oct-2023	28 days	5 days	✓	06-Oct-2023	28 days	5 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E440C	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	4 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E440C	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	4 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E440C	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	4 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E440C	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	4 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E440C	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	4 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E440C	02-Oct-2023	06-Oct-2023	180 days	4 days	✓	06-Oct-2023	180 days	4 days	✓
Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E440C	02-Oct-2023	06-Oct-2023	180 days	5 days	✓	06-Oct-2023	180 days	5 days	✓
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E100-L	02-Oct-2023	06-Oct-2023	30 days	4 days	✓	06-Oct-2023	30 days	4 days	✓
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E100-L	02-Oct-2023	06-Oct-2023	30 days	4 days	✓	06-Oct-2023	30 days	4 days	✓
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E100-L	02-Oct-2023	06-Oct-2023	30 days	4 days	✓	06-Oct-2023	30 days	4 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E100-L	02-Oct-2023	06-Oct-2023	30 days	4 days	✓	06-Oct-2023	30 days	4 days	✓
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E100-L	02-Oct-2023	06-Oct-2023	30 days	4 days	✓	06-Oct-2023	30 days	4 days	✓
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E100-L	02-Oct-2023	06-Oct-2023	30 days	4 days	✓	06-Oct-2023	30 days	4 days	✓
Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E100-L	02-Oct-2023	06-Oct-2023	30 days	5 days	✓	06-Oct-2023	30 days	5 days	✓
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	1 days	
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	1 days	
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	2 days	
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	2 days	
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	2 days	



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	2 days	
Physical Tests : Moisture Content by Gravimetry										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E144	02-Oct-2023	----	----	----		03-Oct-2023	----	2 days	
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	8 days	✓
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	8 days	✓
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	8 days	✓
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	8 days	✓
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	8 days	✓
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	8 days	✓
Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E108A	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	10-Oct-2023	30 days	9 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs by Hex:Ace GC-MS										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E641A	02-Oct-2023	04-Oct-2023	60 days	2 days	✓	05-Oct-2023	40 days	1 days	✓
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] S23- 1	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 10	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 12	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 19	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 22	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 4	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓
Speciated Metals : Hexavalent Chromium (Cr VI) by IC										
Glass soil jar/Teflon lined cap [ON MECP] TP23- 7	E532	02-Oct-2023	04-Oct-2023	30 days	2 days	✓	05-Oct-2023	7 days	1 days	✓
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] TP23- 10	E611D	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] TP23- 12	E611D	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] TP23- 19	E611D	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] TP23- 22	E611D	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓

Page : 13 of 18
 Work Order : WT2331779
 Client : EnVision Consultants Ltd.
 Project : 23-0527



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] TP23- 4	E611D	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] TP23- 7	E611D	02-Oct-2023	05-Oct-2023	14 days	3 days	✓	05-Oct-2023	40 days	0 days	✓
Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS										
Glass soil methanol vial [ON MECP] S23- 1	E611D	02-Oct-2023	05-Oct-2023	14 days	4 days	✓	05-Oct-2023	40 days	0 days	✓

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).



Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

Quality Control Sample Type	Method	QC Lot #	Count		Frequency (%)		
Analytical Methods			QC	Regular	Actual	Expected	Evaluation
Laboratory Duplicates (DUP)							
Boron-Hot Water Extractable by ICPOES	E487	1166907	1	18	5.5	5.0	✔
CCME PHC - F1 by Headspace GC-FID	E581.F1	1170483	2	38	5.2	5.0	✔
CCME PHCs - F2-F4 by GC-FID (Low Level)	E601.SG-L	1166903	1	19	5.2	5.0	✔
Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)	E100-L	1166906	1	19	5.2	5.0	✔
Hexavalent Chromium (Cr VI) by IC	E532	1166904	1	18	5.5	5.0	✔
Mercury in Soil/Solid by CVAAS (<355 µm)	E510C	1166908	1	18	5.5	5.0	✔
Metals in Soil/Solid by CRC ICPMS (<355 µm)	E440C	1166909	1	19	5.2	5.0	✔
Moisture Content by Gravimetry	E144	1166912	1	19	5.2	5.0	✔
PAHs by Hex:Ace GC-MS	E641A	1166902	1	19	5.2	5.0	✔
pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received	E108A	1166899	1	20	5.0	5.0	✔
Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)	E484	1166905	1	19	5.2	5.0	✔
VOCs (Eastern Canada List) by Headspace GC-MS	E611D	1170482	2	38	5.2	5.0	✔
WAD Cyanide (0.01M NaOH Extraction)	E336A	1166900	1	18	5.5	5.0	✔
Laboratory Control Samples (LCS)							
Boron-Hot Water Extractable by ICPOES	E487	1166907	2	18	11.1	10.0	✔
CCME PHC - F1 by Headspace GC-FID	E581.F1	1170483	2	38	5.2	5.0	✔
CCME PHCs - F2-F4 by GC-FID (Low Level)	E601.SG-L	1166903	1	19	5.2	5.0	✔
Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)	E100-L	1166906	2	19	10.5	10.0	✔
Hexavalent Chromium (Cr VI) by IC	E532	1166904	2	18	11.1	10.0	✔
Mercury in Soil/Solid by CVAAS (<355 µm)	E510C	1166908	2	18	11.1	10.0	✔
Metals in Soil/Solid by CRC ICPMS (<355 µm)	E440C	1166909	2	19	10.5	10.0	✔
Moisture Content by Gravimetry	E144	1166912	1	19	5.2	5.0	✔
PAHs by Hex:Ace GC-MS	E641A	1166902	1	19	5.2	5.0	✔
pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received	E108A	1166899	1	20	5.0	5.0	✔
Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)	E484	1166905	2	19	10.5	10.0	✔
VOCs (Eastern Canada List) by Headspace GC-MS	E611D	1170482	2	38	5.2	5.0	✔
WAD Cyanide (0.01M NaOH Extraction)	E336A	1166900	1	18	5.5	5.0	✔
Method Blanks (MB)							
Boron-Hot Water Extractable by ICPOES	E487	1166907	1	18	5.5	5.0	✔
CCME PHC - F1 by Headspace GC-FID	E581.F1	1170483	2	38	5.2	5.0	✔
CCME PHCs - F2-F4 by GC-FID (Low Level)	E601.SG-L	1166903	1	19	5.2	5.0	✔
Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)	E100-L	1166906	1	19	5.2	5.0	✔
Hexavalent Chromium (Cr VI) by IC	E532	1166904	1	18	5.5	5.0	✔
Mercury in Soil/Solid by CVAAS (<355 µm)	E510C	1166908	1	18	5.5	5.0	✔
Metals in Soil/Solid by CRC ICPMS (<355 µm)	E440C	1166909	1	19	5.2	5.0	✔



Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

Quality Control Sample Type			Count		Frequency (%)		
<i>Analytical Methods</i>	<i>Method</i>	<i>QC Lot #</i>	<i>QC</i>	<i>Regular</i>	<i>Actual</i>	<i>Expected</i>	<i>Evaluation</i>
Method Blanks (MB) - Continued							
Moisture Content by Gravimetry	E144	1166912	1	19	5.2	5.0	✔
PAHs by Hex:Ace GC-MS	E641A	1166902	1	19	5.2	5.0	✔
Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)	E484	1166905	1	19	5.2	5.0	✔
VOCs (Eastern Canada List) by Headspace GC-MS	E611D	1170482	2	38	5.2	5.0	✔
WAD Cyanide (0.01M NaOH Extraction)	E336A	1166900	1	18	5.5	5.0	✔
Matrix Spikes (MS)							
CCME PHC - F1 by Headspace GC-FID	E581.F1	1170483	2	38	5.2	5.0	✔
CCME PHCs - F2-F4 by GC-FID (Low Level)	E601.SG-L	1166903	1	19	5.2	5.0	✔
PAHs by Hex:Ace GC-MS	E641A	1166902	1	19	5.2	5.0	✔
VOCs (Eastern Canada List) by Headspace GC-MS	E611D	1170482	2	38	5.2	5.0	✔
WAD Cyanide (0.01M NaOH Extraction)	E336A	1166900	1	18	5.5	5.0	✔



Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)	E100-L ALS Environmental - Waterloo	Soil/Solid	CSSS Ch. 15 (mod)/APHA 2510 (mod)	Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Conductance is measured in the fluid that is observed in the upper layer.
pH by Meter (1:2 Soil:0.01M CaCl ₂ Extraction) - As Received	E108A ALS Environmental - Waterloo	Soil/Solid	MECP E3137A	pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally 20 ± 5°C) and is carried out in accordance with procedures described in the Analytical Protocol (prescriptive method). A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling, or decanting and then analyzed using a pH meter and electrode.
Moisture Content by Gravimetry	E144 ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1	Moisture is measured gravimetrically by drying the sample at 105°C. Moisture content is calculated as the weight loss (due to water) divided by the wet weight of the sample, expressed as a percentage.
WAD Cyanide (0.01M NaOH Extraction)	E336A ALS Environmental - Waterloo	Soil/Solid	APHA 4500-CN I (mod)	Weak Acid Dissociable (WAD) cyanide is determined after extraction by Continuous Flow Analyzer (CFA) with in-line distillation followed by colourmetric analysis.
Metals in Soil/Solid by CRC ICPMS (<355 µm)	E440C ALS Environmental - Waterloo	Soil/Solid	EPA 6020B (mod)	<p>This method is intended to liberate metals that may be environmentally available. Samples are dried, then sieved through a 355 µm sieve, and digested with HNO₃ and HCl.</p> <p>Dependent on sample matrix, some metals may be only partially recovered, including Al, Ba, Be, Cr, Sr, Ti, Tl, V, W, and Zr. Silicate minerals are not solubilized. Volatile forms of sulfur (including sulfide) may not be captured, as they may be lost during sampling, storage, or digestion. This method does not adequately recover elemental sulfur, and is unsuitable for assessment of elemental sulfur standards or guidelines.</p> <p>Analysis is by Collision/Reaction Cell ICPMS.</p>
Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)	E484 ALS Environmental - Waterloo	Soil/Solid	SW846 6010C	A dried, disaggregated solid sample is extracted with deionized water, the aqueous extract is separated from the solid, acidified and then analyzed using a ICP/OES. The concentrations of Na, Ca and Mg are reported as per CALA requirements for calculated parameters. These individual parameters are not for comparison to any guideline.



Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Boron-Hot Water Extractable by ICPOES	E487 ALS Environmental - Waterloo	Soil/Solid	HW EXTR, EPA 6010B	A dried solid sample is extracted with calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES. Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).
Mercury in Soil/Solid by CVAAS (<355 µm)	E510C ALS Environmental - Waterloo	Soil/Solid	EPA 200.2/1631 Appendix (mod)	Samples are sieved through a 355 µm sieve, and digested with HNO ₃ and HCl, followed by CVAAS analysis.
Hexavalent Chromium (Cr VI) by IC	E532 ALS Environmental - Waterloo	Soil/Solid	APHA 3500-CR C	Instrumental analysis is performed by ion chromatography with UV detection.
CCME PHC - F1 by Headspace GC-FID	E581.F1 ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1	CCME Fraction 1 (F1) is analyzed by static headspace GC-FID. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law. Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.
CCME PHCs - F2-F4 by GC-FID (Low Level)	E601.SG-L ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1	Sample extracts are subjected to in-situ silica gel treatment prior to analysis by GC-FID for CCME hydrocarbon fractions (F2-F4). Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.
VOCs (Eastern Canada List) by Headspace GC-MS	E611D ALS Environmental - Waterloo	Soil/Solid	EPA 8260D (mod)	Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.
PAHs by Hex:Ace GC-MS	E641A ALS Environmental - Waterloo	Soil/Solid	EPA 8270E (mod)	Polycyclic Aromatic Hydrocarbons (PAHs) are extracted with hexane/acetone and analyzed by GC-MS. If reported, IACR (index of additive cancer risk, unitless) and B(a)P toxic potency equivalent (in soil concentration units) are calculated as per CCME PAH Soil Quality Guidelines fact sheet (2010) or ABT1.
F1-BTEX	EC580 ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1	F1-BTEX is calculated as follows: F1-BTEX = F1 (C6-C10) minus benzene, toluene, ethylbenzene and xylenes (BTEX).



Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Sum F1 to F4 (C6-C50)	EC581 ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1	Hydrocarbons, total (C6-C50) is the sum of CCME Fractions F1(C6-C10), F2(C10-C16), F3(C16-C34), and F4(C34-C50). F4G-sg is not used within this calculation due to overlap with other fractions.
F2 to F3 minus PAH	EC600 ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1	F2-PAH = CCME Fraction 2 (C10-C16) minus Naphthalene F3-PAH = CCME Fraction 3 (C16-C34) minus select Polycyclic Aromatic Hydrocarbons (PAH) as per CCME Soil Tier 1
Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Leach 1:2 Soil:Water for pH/EC	EP108 ALS Environmental - Waterloo	Soil/Solid	BC WLAP METHOD: PH, ELECTROMETRIC, SOIL	The procedure involves mixing the dried (at <60°C) and sieved (No. 10 / 2mm) sample with deionized/distilled water at a 1:2 ratio of sediment to water.
Leach 1:2 Soil : 0.01CaCl ₂ - As Received for pH	EP108A ALS Environmental - Waterloo	Soil/Solid	MOEE E3137A	A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling or decanting and then analyzed using a pH meter and electrode.
Cyanide Extraction for CFA (0.01M NaOH)	EP333A ALS Environmental - Waterloo	Soil/Solid	ON MECP E3015 (mod)	Extraction for various cyanide analysis is by rotary extraction of the soil with 0.01M Sodium Hydroxide.
Digestion for Metals and Mercury (355 µm Sieve)	EP440C ALS Environmental - Waterloo	Soil/Solid	EPA 200.2 (mod)	Samples are sieved through a 355 µm sieve, and digested with HNO ₃ and HCl. This method is intended to liberate metals that may be environmentally available.
Boron-Hot Water Extractable	EP487 ALS Environmental - Waterloo	Soil/Solid	HW EXTR, EPA 6010B	A dried solid sample is extracted with weak calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES. Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011)
Preparation of Hexavalent Chromium (Cr VI) for IC	EP532 ALS Environmental - Waterloo	Soil/Solid	EPA 3060A	Field moist samples are digested with a sodium hydroxide/sodium carbonate solution as described in EPA 3060A.
VOCs Methanol Extraction for Headspace Analysis	EP581 ALS Environmental - Waterloo	Soil/Solid	EPA 5035A (mod)	VOCs in samples are extracted with methanol. Extracts are then prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.
PHCs and PAHs Hexane-Acetone Tumbler Extraction	EP601 ALS Environmental - Waterloo	Soil/Solid	CCME PHC in Soil - Tier 1 (mod)	Samples are subsampled and Petroleum Hydrocarbons (PHC) and PAHs are extracted with 1:1 hexane:acetone using a rotary extractor.

QUALITY CONTROL REPORT

Work Order	: WT2331779	Page	: 1 of 23
Client	: EnVision Consultants Ltd.	Laboratory	: ALS Environmental - Waterloo
Contact	: Paul Orchard	Account Manager	: Emily Hansen
Address	: 6415 Northwest Drive U37-40 Mississauga ON Canada L4V 1X1	Address	: 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8
Telephone	:	Telephone	: +1 519 886 6910
Project	: 23-0527	Date Samples Received	: 03-Oct-2023 13:15
PO	: ----	Date Analysis Commenced	: 03-Oct-2023
C-O-C number	: ----	Issue Date	: 10-Oct-2023 21:36
Sampler	: KS		
Site	: ----		
Quote number	: 2022 Standing Offer		
No. of samples received	: 7		
No. of samples analysed	: 7		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	Position	Laboratory Department
Greg Pokocky	Manager - Inorganics	Waterloo Inorganics, Waterloo, Ontario
Greg Pokocky	Manager - Inorganics	Waterloo Metals, Waterloo, Ontario
Jeremy Gingras	Supervisor - Semi-Volatile Instrumentation	Waterloo Organics, Waterloo, Ontario
Niral Patel		Waterloo Centralized Prep, Waterloo, Ontario
Sarah Birch	VOC Section Supervisor	Waterloo VOC, Waterloo, Ontario



General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

= Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.



Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: Soil/Solid					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Physical Tests (QC Lot: 1166899)											
EO2308578-006	Anonymous	pH (1:2 soil:CaCl2-aq)	----	E108A	0.10	pH units	6.08	6.06	0.329%	5%	----
Physical Tests (QC Lot: 1166906)											
WT2331779-001	TP23- 10	Conductivity (1:2 leachate)	----	E100-L	5.00	µS/cm	0.103 mS/cm	104	0.869%	20%	----
Physical Tests (QC Lot: 1166912)											
WT2331779-001	TP23- 10	Moisture	----	E144	0.25	%	4.86	4.82	0.913%	20%	----
Cyanides (QC Lot: 1166900)											
WT2331779-001	TP23- 10	Cyanide, weak acid dissociable	----	E336A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
Metals (QC Lot: 1166905)											
WT2331779-001	TP23- 10	Calcium, soluble ion content	7440-70-2	E484	0.50	mg/L	7.66	8.09	5.46%	30%	----
		Magnesium, soluble ion content	7439-95-4	E484	0.50	mg/L	<0.50	0.54	0.04	Diff <2x LOR	----
		Sodium, soluble ion content	17341-25-2	E484	0.50	mg/L	0.97	0.91	0.06	Diff <2x LOR	----
Metals (QC Lot: 1166907)											
WT2331779-001	TP23- 10	Boron, hot water soluble	7440-42-8	E487	0.10	mg/kg	<0.10	0.11	0.004	Diff <2x LOR	----
Metals (QC Lot: 1166908)											
WT2331779-001	TP23- 10	Mercury	7439-97-6	E510C	0.0050	mg/kg	0.0111	0.0100	0.0011	Diff <2x LOR	----
Metals (QC Lot: 1166909)											
WT2331779-001	TP23- 10	Antimony	7440-36-0	E440C	0.10	mg/kg	<0.10	<0.10	0	Diff <2x LOR	----
		Arsenic	7440-38-2	E440C	0.10	mg/kg	1.33	1.38	3.43%	30%	----
		Barium	7440-39-3	E440C	0.50	mg/kg	54.7	62.3	13.0%	40%	----
		Beryllium	7440-41-7	E440C	0.10	mg/kg	0.31	0.32	0.006	Diff <2x LOR	----
		Boron	7440-42-8	E440C	5.0	mg/kg	5.0	6.0	1.0	Diff <2x LOR	----
		Cadmium	7440-43-9	E440C	0.020	mg/kg	0.063	0.077	0.014	Diff <2x LOR	----
		Chromium	7440-47-3	E440C	0.50	mg/kg	15.6	17.6	12.0%	30%	----
		Cobalt	7440-48-4	E440C	0.10	mg/kg	4.42	4.82	8.52%	30%	----
		Copper	7440-50-8	E440C	0.50	mg/kg	7.96	8.54	7.06%	30%	----
		Lead	7439-92-1	E440C	0.50	mg/kg	3.28	3.58	8.71%	40%	----
		Molybdenum	7439-98-7	E440C	0.10	mg/kg	0.15	0.16	0.006	Diff <2x LOR	----
		Nickel	7440-02-0	E440C	0.50	mg/kg	7.75	8.53	9.60%	30%	----
		Selenium	7782-49-2	E440C	0.20	mg/kg	<0.20	<0.20	0	Diff <2x LOR	----
		Silver	7440-22-4	E440C	0.10	mg/kg	<0.10	<0.10	0	Diff <2x LOR	----



Sub-Matrix: Soil/Solid					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Metals (QC Lot: 1166909) - continued											
WT2331779-001	TP23- 10	Thallium	7440-28-0	E440C	0.050	mg/kg	0.059	0.069	0.010	Diff <2x LOR	----
		Uranium	7440-61-1	E440C	0.050	mg/kg	0.311	0.366	16.1%	30%	----
		Vanadium	7440-62-2	E440C	0.20	mg/kg	29.3	33.4	13.0%	30%	----
		Zinc	7440-66-6	E440C	2.0	mg/kg	24.0	26.4	9.54%	30%	----
Speciated Metals (QC Lot: 1166904)											
WT2331779-001	TP23- 10	Chromium, hexavalent [Cr VI]	18540-29-9	E532	0.10	mg/kg	0.15	0.14	0.002	Diff <2x LOR	----
Volatile Organic Compounds (QC Lot: 1170482)											
WT2331718-001	Anonymous	Acetone	67-64-1	E611D	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	----
		Benzene	71-43-2	E611D	0.0050	mg/kg	<0.0050	<0.0050	0	Diff <2x LOR	----
		Bromodichloromethane	75-27-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Bromoform	75-25-2	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Bromomethane	74-83-9	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Carbon tetrachloride	56-23-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Chlorobenzene	108-90-7	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Chloroform	67-66-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dibromochloromethane	124-48-1	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dibromoethane, 1,2-	106-93-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorobenzene, 1,2-	95-50-1	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorobenzene, 1,3-	541-73-1	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorobenzene, 1,4-	106-46-7	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorodifluoromethane	75-71-8	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethane, 1,1-	75-34-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethane, 1,2-	107-06-2	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethylene, 1,1-	75-35-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethylene, cis-1,2-	156-59-2	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethylene, trans-1,2-	156-60-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloromethane	75-09-2	E611D	0.045	mg/kg	<0.045	<0.045	0	Diff <2x LOR	----
		Dichloropropane, 1,2-	78-87-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloropropylene, cis-1,3-	10061-01-5	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Dichloropropylene, trans-1,3-	10061-02-6	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Ethylbenzene	100-41-4	E611D	0.015	mg/kg	<0.015	<0.015	0	Diff <2x LOR	----
		Hexane, n-	110-54-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Methyl ethyl ketone [MEK]	78-93-3	E611D	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	----
		Methyl isobutyl ketone [MIBK]	108-10-1	E611D	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	----



Sub-Matrix: Soil/Solid

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Volatile Organic Compounds (QC Lot: 1170482) - continued											
WT2331718-001	Anonymous	Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	0.040	mg/kg	<0.040	<0.040	0	Diff <2x LOR	----
		Styrene	100-42-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tetrachloroethylene	127-18-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Toluene	108-88-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Trichloroethane, 1,1,1-	71-55-6	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Trichloroethane, 1,1,2-	79-00-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Trichloroethylene	79-01-6	E611D	0.010	mg/kg	<0.010	<0.010	0	Diff <2x LOR	----
		Trichlorofluoromethane	75-69-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Vinyl chloride	75-01-4	E611D	0.020	mg/kg	<0.020	<0.020	0	Diff <2x LOR	----
		Xylene, m+p-	179601-23-1	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Xylene, o-	95-47-6	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
Volatile Organic Compounds (QC Lot: 1170577)											
WT2331759-001	Anonymous	Acetone	67-64-1	E611D	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	----
		Benzene	71-43-2	E611D	0.0050	mg/kg	<0.0050	<0.0050	0	Diff <2x LOR	----
		Bromodichloromethane	75-27-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Bromoform	75-25-2	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Bromomethane	74-83-9	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Carbon tetrachloride	56-23-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Chlorobenzene	108-90-7	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Chloroform	67-66-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dibromochloromethane	124-48-1	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dibromoethane, 1,2-	106-93-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorobenzene, 1,2-	95-50-1	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorobenzene, 1,3-	541-73-1	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorobenzene, 1,4-	106-46-7	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichlorodifluoromethane	75-71-8	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethane, 1,1-	75-34-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethane, 1,2-	107-06-2	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethylene, 1,1-	75-35-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethylene, cis-1,2-	156-59-2	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloroethylene, trans-1,2-	156-60-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloromethane	75-09-2	E611D	0.045	mg/kg	<0.045	<0.045	0	Diff <2x LOR	----



Sub-Matrix: Soil/Solid

Sub-Matrix: Soil/Solid					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Volatile Organic Compounds (QC Lot: 1170577) - continued											
WT2331759-001	Anonymous	Dichloropropane, 1,2-	78-87-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dichloropropylene, cis-1,3-	10061-01-5	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Dichloropropylene, trans-1,3-	10061-02-6	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Ethylbenzene	100-41-4	E611D	0.015	mg/kg	<0.015	<0.015	0	Diff <2x LOR	----
		Hexane, n-	110-54-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Methyl ethyl ketone [MEK]	78-93-3	E611D	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	----
		Methyl isobutyl ketone [MIBK]	108-10-1	E611D	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	----
		Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	0.040	mg/kg	<0.040	<0.040	0	Diff <2x LOR	----
		Styrene	100-42-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Tetrachloroethylene	127-18-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Toluene	108-88-3	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Trichloroethane, 1,1,1-	71-55-6	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Trichloroethane, 1,1,2-	79-00-5	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Trichloroethylene	79-01-6	E611D	0.010	mg/kg	<0.010	<0.010	0	Diff <2x LOR	----
		Trichlorofluoromethane	75-69-4	E611D	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Vinyl chloride	75-01-4	E611D	0.020	mg/kg	<0.020	<0.020	0	Diff <2x LOR	----
		Xylene, m+p-	179601-23-1	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Xylene, o-	95-47-6	E611D	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
Hydrocarbons (QC Lot: 1166903)											
WT2331779-001	TP23- 10	F2 (C10-C16)	----	E601.SG-L	10	mg/kg	<10	<10	0	Diff <2x LOR	----
		F3 (C16-C34)	----	E601.SG-L	50	mg/kg	<50	<50	0	Diff <2x LOR	----
		F4 (C34-C50)	----	E601.SG-L	50	mg/kg	<50	<50	0	Diff <2x LOR	----
Hydrocarbons (QC Lot: 1170483)											
WT2331718-001	Anonymous	F1 (C6-C10)	----	E581.F1	5.0	mg/kg	<5.0	<5.0	0	Diff <2x LOR	----
Hydrocarbons (QC Lot: 1170579)											
WT2331759-001	Anonymous	F1 (C6-C10)	----	E581.F1	5.0	mg/kg	<5.0	<5.0	0	Diff <2x LOR	----
Polycyclic Aromatic Hydrocarbons (QC Lot: 1166902)											
WT2331779-001	TP23- 10	Acenaphthene	83-32-9	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Acenaphthylene	208-96-8	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Anthracene	120-12-7	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Benz(a)anthracene	56-55-3	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Benzo(a)pyrene	50-32-8	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----



Sub-Matrix: Soil/Solid					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polycyclic Aromatic Hydrocarbons (QC Lot: 1166902) - continued											
WT2331779-001	TP23- 10	Benzo(b+j)fluoranthene	n/a	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Benzo(g,h,i)perylene	191-24-2	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Benzo(k)fluoranthene	207-08-9	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Chrysene	218-01-9	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Dibenz(a,h)anthracene	53-70-3	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Fluoranthene	206-44-0	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Fluorene	86-73-7	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Indeno(1,2,3-c,d)pyrene	193-39-5	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Methylnaphthalene, 1-	90-12-0	E641A	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Methylnaphthalene, 2-	91-57-6	E641A	0.030	mg/kg	<0.030	<0.030	0	Diff <2x LOR	----
		Naphthalene	91-20-3	E641A	0.010	mg/kg	<0.010	<0.010	0	Diff <2x LOR	----
		Phenanthrene	85-01-8	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----
		Pyrene	129-00-0	E641A	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	----



Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Physical Tests (QCLot: 1166906)						
Conductivity (1:2 leachate)	---	E100-L	5	µS/cm	<5.00	---
Physical Tests (QCLot: 1166912)						
Moisture	---	E144	0.25	%	<0.25	---
Cyanides (QCLot: 1166900)						
Cyanide, weak acid dissociable	---	E336A	0.05	mg/kg	<0.050	---
Metals (QCLot: 1166905)						
Calcium, soluble ion content	7440-70-2	E484	0.5	mg/L	<0.50	---
Magnesium, soluble ion content	7439-95-4	E484	0.5	mg/L	<0.50	---
Sodium, soluble ion content	17341-25-2	E484	0.5	mg/L	<0.50	---
Metals (QCLot: 1166907)						
Boron, hot water soluble	7440-42-8	E487	0.1	mg/kg	<0.10	---
Metals (QCLot: 1166908)						
Mercury	7439-97-6	E510C	0.005	mg/kg	<0.0050	---
Metals (QCLot: 1166909)						
Antimony	7440-36-0	E440C	0.1	mg/kg	<0.10	---
Arsenic	7440-38-2	E440C	0.1	mg/kg	<0.10	---
Barium	7440-39-3	E440C	0.5	mg/kg	<0.50	---
Beryllium	7440-41-7	E440C	0.1	mg/kg	<0.10	---
Boron	7440-42-8	E440C	5	mg/kg	<5.0	---
Cadmium	7440-43-9	E440C	0.02	mg/kg	<0.020	---
Chromium	7440-47-3	E440C	0.5	mg/kg	<0.50	---
Cobalt	7440-48-4	E440C	0.1	mg/kg	<0.10	---
Copper	7440-50-8	E440C	0.5	mg/kg	<0.50	---
Lead	7439-92-1	E440C	0.5	mg/kg	<0.50	---
Molybdenum	7439-98-7	E440C	0.1	mg/kg	<0.10	---
Nickel	7440-02-0	E440C	0.5	mg/kg	<0.50	---
Selenium	7782-49-2	E440C	0.2	mg/kg	<0.20	---
Silver	7440-22-4	E440C	0.1	mg/kg	<0.10	---
Thallium	7440-28-0	E440C	0.05	mg/kg	<0.050	---
Uranium	7440-61-1	E440C	0.05	mg/kg	<0.050	---
Vanadium	7440-62-2	E440C	0.2	mg/kg	<0.20	---
Zinc	7440-66-6	E440C	2	mg/kg	<2.0	---



Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Speciated Metals (QCLot: 1166904)						
Chromium, hexavalent [Cr VI]	18540-29-9	E532	0.1	mg/kg	<0.10	----
Volatile Organic Compounds (QCLot: 1170482)						
Acetone	67-64-1	E611D	0.5	mg/kg	<0.50	----
Benzene	71-43-2	E611D	0.005	mg/kg	<0.0050	----
Bromodichloromethane	75-27-4	E611D	0.05	mg/kg	<0.050	----
Bromoform	75-25-2	E611D	0.05	mg/kg	<0.050	----
Bromomethane	74-83-9	E611D	0.05	mg/kg	<0.050	----
Carbon tetrachloride	56-23-5	E611D	0.05	mg/kg	<0.050	----
Chlorobenzene	108-90-7	E611D	0.05	mg/kg	<0.050	----
Chloroform	67-66-3	E611D	0.05	mg/kg	<0.050	----
Dibromochloromethane	124-48-1	E611D	0.05	mg/kg	<0.050	----
Dibromoethane, 1,2-	106-93-4	E611D	0.05	mg/kg	<0.050	----
Dichlorobenzene, 1,2-	95-50-1	E611D	0.05	mg/kg	<0.050	----
Dichlorobenzene, 1,3-	541-73-1	E611D	0.05	mg/kg	<0.050	----
Dichlorobenzene, 1,4-	106-46-7	E611D	0.05	mg/kg	<0.050	----
Dichlorodifluoromethane	75-71-8	E611D	0.05	mg/kg	<0.050	----
Dichloroethane, 1,1-	75-34-3	E611D	0.05	mg/kg	<0.050	----
Dichloroethane, 1,2-	107-06-2	E611D	0.05	mg/kg	<0.050	----
Dichloroethylene, 1,1-	75-35-4	E611D	0.05	mg/kg	<0.050	----
Dichloroethylene, cis-1,2-	156-59-2	E611D	0.05	mg/kg	<0.050	----
Dichloroethylene, trans-1,2-	156-60-5	E611D	0.05	mg/kg	<0.050	----
Dichloromethane	75-09-2	E611D	0.045	mg/kg	<0.045	----
Dichloropropane, 1,2-	78-87-5	E611D	0.05	mg/kg	<0.050	----
Dichloropropylene, cis-1,3-	10061-01-5	E611D	0.03	mg/kg	<0.030	----
Dichloropropylene, trans-1,3-	10061-02-6	E611D	0.03	mg/kg	<0.030	----
Ethylbenzene	100-41-4	E611D	0.015	mg/kg	<0.015	----
Hexane, n-	110-54-3	E611D	0.05	mg/kg	<0.050	----
Methyl ethyl ketone [MEK]	78-93-3	E611D	0.5	mg/kg	<0.50	----
Methyl isobutyl ketone [MIBK]	108-10-1	E611D	0.5	mg/kg	<0.50	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	0.04	mg/kg	<0.040	----
Styrene	100-42-5	E611D	0.05	mg/kg	<0.050	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	0.05	mg/kg	<0.050	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	0.05	mg/kg	<0.050	----
Tetrachloroethylene	127-18-4	E611D	0.05	mg/kg	<0.050	----
Toluene	108-88-3	E611D	0.05	mg/kg	<0.050	----



Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Volatile Organic Compounds (QCLot: 1170482) - continued						
Trichloroethane, 1,1,1-	71-55-6	E611D	0.05	mg/kg	<0.050	----
Trichloroethane, 1,1,2-	79-00-5	E611D	0.05	mg/kg	<0.050	----
Trichloroethylene	79-01-6	E611D	0.01	mg/kg	<0.010	----
Trichlorofluoromethane	75-69-4	E611D	0.05	mg/kg	<0.050	----
Vinyl chloride	75-01-4	E611D	0.02	mg/kg	<0.020	----
Xylene, m+p-	179601-23-1	E611D	0.03	mg/kg	<0.030	----
Xylene, o-	95-47-6	E611D	0.03	mg/kg	<0.030	----
Volatile Organic Compounds (QCLot: 1170577)						
Acetone	67-64-1	E611D	0.5	mg/kg	<0.50	----
Benzene	71-43-2	E611D	0.005	mg/kg	<0.0050	----
Bromodichloromethane	75-27-4	E611D	0.05	mg/kg	<0.050	----
Bromoform	75-25-2	E611D	0.05	mg/kg	<0.050	----
Bromomethane	74-83-9	E611D	0.05	mg/kg	<0.050	----
Carbon tetrachloride	56-23-5	E611D	0.05	mg/kg	<0.050	----
Chlorobenzene	108-90-7	E611D	0.05	mg/kg	<0.050	----
Chloroform	67-66-3	E611D	0.05	mg/kg	<0.050	----
Dibromochloromethane	124-48-1	E611D	0.05	mg/kg	<0.050	----
Dibromoethane, 1,2-	106-93-4	E611D	0.05	mg/kg	<0.050	----
Dichlorobenzene, 1,2-	95-50-1	E611D	0.05	mg/kg	<0.050	----
Dichlorobenzene, 1,3-	541-73-1	E611D	0.05	mg/kg	<0.050	----
Dichlorobenzene, 1,4-	106-46-7	E611D	0.05	mg/kg	<0.050	----
Dichlorodifluoromethane	75-71-8	E611D	0.05	mg/kg	<0.050	----
Dichloroethane, 1,1-	75-34-3	E611D	0.05	mg/kg	<0.050	----
Dichloroethane, 1,2-	107-06-2	E611D	0.05	mg/kg	<0.050	----
Dichloroethylene, 1,1-	75-35-4	E611D	0.05	mg/kg	<0.050	----
Dichloroethylene, cis-1,2-	156-59-2	E611D	0.05	mg/kg	<0.050	----
Dichloroethylene, trans-1,2-	156-60-5	E611D	0.05	mg/kg	<0.050	----
Dichloromethane	75-09-2	E611D	0.045	mg/kg	<0.045	----
Dichloropropane, 1,2-	78-87-5	E611D	0.05	mg/kg	<0.050	----
Dichloropropylene, cis-1,3-	10061-01-5	E611D	0.03	mg/kg	<0.030	----
Dichloropropylene, trans-1,3-	10061-02-6	E611D	0.03	mg/kg	<0.030	----
Ethylbenzene	100-41-4	E611D	0.015	mg/kg	<0.015	----
Hexane, n-	110-54-3	E611D	0.05	mg/kg	<0.050	----
Methyl ethyl ketone [MEK]	78-93-3	E611D	0.5	mg/kg	<0.50	----
Methyl isobutyl ketone [MIBK]	108-10-1	E611D	0.5	mg/kg	<0.50	----



Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Volatile Organic Compounds (QCLot: 1170577) - continued						
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	0.04	mg/kg	<0.040	----
Styrene	100-42-5	E611D	0.05	mg/kg	<0.050	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	0.05	mg/kg	<0.050	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	0.05	mg/kg	<0.050	----
Tetrachloroethylene	127-18-4	E611D	0.05	mg/kg	<0.050	----
Toluene	108-88-3	E611D	0.05	mg/kg	<0.050	----
Trichloroethane, 1,1,1-	71-55-6	E611D	0.05	mg/kg	<0.050	----
Trichloroethane, 1,1,2-	79-00-5	E611D	0.05	mg/kg	<0.050	----
Trichloroethylene	79-01-6	E611D	0.01	mg/kg	<0.010	----
Trichlorofluoromethane	75-69-4	E611D	0.05	mg/kg	<0.050	----
Vinyl chloride	75-01-4	E611D	0.02	mg/kg	<0.020	----
Xylene, m+p-	179601-23-1	E611D	0.03	mg/kg	<0.030	----
Xylene, o-	95-47-6	E611D	0.03	mg/kg	<0.030	----
Hydrocarbons (QCLot: 1166903)						
F2 (C10-C16)	----	E601.SG-L	10	mg/kg	<10	----
F3 (C16-C34)	----	E601.SG-L	50	mg/kg	<50	----
F4 (C34-C50)	----	E601.SG-L	50	mg/kg	<50	----
Hydrocarbons (QCLot: 1170483)						
F1 (C6-C10)	----	E581.F1	5	mg/kg	<5.0	----
Hydrocarbons (QCLot: 1170579)						
F1 (C6-C10)	----	E581.F1	5	mg/kg	<5.0	----
Polycyclic Aromatic Hydrocarbons (QCLot: 1166902)						
Acenaphthene	83-32-9	E641A	0.05	mg/kg	<0.050	----
Acenaphthylene	208-96-8	E641A	0.05	mg/kg	<0.050	----
Anthracene	120-12-7	E641A	0.05	mg/kg	<0.050	----
Benz(a)anthracene	56-55-3	E641A	0.05	mg/kg	<0.050	----
Benzo(a)pyrene	50-32-8	E641A	0.05	mg/kg	<0.050	----
Benzo(b+j)fluoranthene	n/a	E641A	0.05	mg/kg	<0.050	----
Benzo(g,h,i)perylene	191-24-2	E641A	0.05	mg/kg	<0.050	----
Benzo(k)fluoranthene	207-08-9	E641A	0.05	mg/kg	<0.050	----
Chrysene	218-01-9	E641A	0.05	mg/kg	<0.050	----
Dibenz(a,h)anthracene	53-70-3	E641A	0.05	mg/kg	<0.050	----
Fluoranthene	206-44-0	E641A	0.05	mg/kg	<0.050	----
Fluorene	86-73-7	E641A	0.05	mg/kg	<0.050	----
Indeno(1,2,3-c,d)pyrene	193-39-5	E641A	0.05	mg/kg	<0.050	----



Sub-Matrix: Soil/Solid

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polycyclic Aromatic Hydrocarbons (QCLot: 1166902) - continued						
Methylnaphthalene, 1-	90-12-0	E641A	0.03	mg/kg	<0.030	----
Methylnaphthalene, 2-	91-57-6	E641A	0.03	mg/kg	<0.030	----
Naphthalene	91-20-3	E641A	0.01	mg/kg	<0.010	----
Phenanthrene	85-01-8	E641A	0.05	mg/kg	<0.050	----
Pyrene	129-00-0	E641A	0.05	mg/kg	<0.050	----



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Soil/Solid

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Concentration	LCS	Low	High	Qualifier
Physical Tests (QCLot: 1166899)									
pH (1:2 soil:CaCl2-aq)	----	E108A	----	pH units	7 pH units	99.4	98.0	102	----
Physical Tests (QCLot: 1166906)									
Conductivity (1:2 leachate)	----	E100-L	5	µS/cm	1409 µS/cm	95.3	90.0	110	----
Physical Tests (QCLot: 1166912)									
Moisture	----	E144	0.25	%	50 %	99.2	90.0	110	----
Cyanides (QCLot: 1166900)									
Cyanide, weak acid dissociable	----	E336A	0.05	mg/kg	1.25 mg/kg	92.7	80.0	120	----
Metals (QCLot: 1166905)									
Calcium, soluble ion content	7440-70-2	E484	0.5	mg/L	300 mg/L	107	80.0	120	----
Magnesium, soluble ion content	7439-95-4	E484	0.5	mg/L	50 mg/L	103	80.0	120	----
Sodium, soluble ion content	17341-25-2	E484	0.5	mg/L	50 mg/L	103	80.0	120	----
Metals (QCLot: 1166907)									
Boron, hot water soluble	7440-42-8	E487	0.1	mg/kg	1.33333 mg/kg	95.9	70.0	130	----
Metals (QCLot: 1166908)									
Mercury	7439-97-6	E510C	0.005	mg/kg	0.1 mg/kg	104	80.0	120	----
Metals (QCLot: 1166909)									
Antimony	7440-36-0	E440C	0.1	mg/kg	100 mg/kg	104	80.0	120	----
Arsenic	7440-38-2	E440C	0.1	mg/kg	100 mg/kg	103	80.0	120	----
Barium	7440-39-3	E440C	0.5	mg/kg	25 mg/kg	99.5	80.0	120	----
Beryllium	7440-41-7	E440C	0.1	mg/kg	10 mg/kg	97.4	80.0	120	----
Boron	7440-42-8	E440C	5	mg/kg	100 mg/kg	92.6	80.0	120	----
Cadmium	7440-43-9	E440C	0.02	mg/kg	10 mg/kg	102	80.0	120	----
Chromium	7440-47-3	E440C	0.5	mg/kg	25 mg/kg	97.4	80.0	120	----
Cobalt	7440-48-4	E440C	0.1	mg/kg	25 mg/kg	97.4	80.0	120	----
Copper	7440-50-8	E440C	0.5	mg/kg	25 mg/kg	98.6	80.0	120	----
Lead	7439-92-1	E440C	0.5	mg/kg	50 mg/kg	101	80.0	120	----
Molybdenum	7439-98-7	E440C	0.1	mg/kg	25 mg/kg	99.5	80.0	120	----
Nickel	7440-02-0	E440C	0.5	mg/kg	50 mg/kg	97.5	80.0	120	----
Selenium	7782-49-2	E440C	0.2	mg/kg	100 mg/kg	99.7	80.0	120	----
Silver	7440-22-4	E440C	0.1	mg/kg	10 mg/kg	97.1	80.0	120	----
Thallium	7440-28-0	E440C	0.05	mg/kg	100 mg/kg	97.8	80.0	120	----



Sub-Matrix: Soil/Solid					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit	Concentration	LCS	Low	High	Qualifier
Metals (QCLot: 1166909) - continued									
Uranium	7440-61-1	E440C	0.05	mg/kg	0.5 mg/kg	92.7	80.0	120	----
Vanadium	7440-62-2	E440C	0.2	mg/kg	50 mg/kg	100	80.0	120	----
Zinc	7440-66-6	E440C	2	mg/kg	50 mg/kg	96.5	80.0	120	----
Speciated Metals (QCLot: 1166904)									
Chromium, hexavalent [Cr VI]	18540-29-9	E532	0.1	mg/kg	0.8 mg/kg	81.7	80.0	120	----
Volatile Organic Compounds (QCLot: 1170482)									
Acetone	67-64-1	E611D	0.5	mg/kg	3.475 mg/kg	104	60.0	140	----
Benzene	71-43-2	E611D	0.005	mg/kg	3.475 mg/kg	89.3	70.0	130	----
Bromodichloromethane	75-27-4	E611D	0.05	mg/kg	3.475 mg/kg	79.8	50.0	140	----
Bromoform	75-25-2	E611D	0.05	mg/kg	3.475 mg/kg	79.0	70.0	130	----
Bromomethane	74-83-9	E611D	0.05	mg/kg	3.475 mg/kg	76.6	50.0	140	----
Carbon tetrachloride	56-23-5	E611D	0.05	mg/kg	3.475 mg/kg	77.5	70.0	130	----
Chlorobenzene	108-90-7	E611D	0.05	mg/kg	3.475 mg/kg	78.8	70.0	130	----
Chloroform	67-66-3	E611D	0.05	mg/kg	3.475 mg/kg	79.7	70.0	130	----
Dibromochloromethane	124-48-1	E611D	0.05	mg/kg	3.475 mg/kg	77.9	60.0	130	----
Dibromoethane, 1,2-	106-93-4	E611D	0.05	mg/kg	3.475 mg/kg	80.1	70.0	130	----
Dichlorobenzene, 1,2-	95-50-1	E611D	0.05	mg/kg	3.475 mg/kg	79.6	70.0	130	----
Dichlorobenzene, 1,3-	541-73-1	E611D	0.05	mg/kg	3.475 mg/kg	79.6	70.0	130	----
Dichlorobenzene, 1,4-	106-46-7	E611D	0.05	mg/kg	3.475 mg/kg	78.6	70.0	130	----
Dichlorodifluoromethane	75-71-8	E611D	0.05	mg/kg	3.475 mg/kg	53.7	50.0	140	----
Dichloroethane, 1,1-	75-34-3	E611D	0.05	mg/kg	3.475 mg/kg	84.1	60.0	130	----
Dichloroethane, 1,2-	107-06-2	E611D	0.05	mg/kg	3.475 mg/kg	83.5	60.0	130	----
Dichloroethylene, 1,1-	75-35-4	E611D	0.05	mg/kg	3.475 mg/kg	76.1	60.0	130	----
Dichloroethylene, cis-1,2-	156-59-2	E611D	0.05	mg/kg	3.475 mg/kg	89.6	70.0	130	----
Dichloroethylene, trans-1,2-	156-60-5	E611D	0.05	mg/kg	3.475 mg/kg	78.4	60.0	130	----
Dichloromethane	75-09-2	E611D	0.045	mg/kg	3.475 mg/kg	80.0	70.0	130	----
Dichloropropane, 1,2-	78-87-5	E611D	0.05	mg/kg	3.475 mg/kg	81.3	70.0	130	----
Dichloropropylene, cis-1,3-	10061-01-5	E611D	0.03	mg/kg	3.475 mg/kg	94.8	70.0	130	----
Dichloropropylene, trans-1,3-	10061-02-6	E611D	0.03	mg/kg	3.475 mg/kg	84.7	70.0	130	----
Ethylbenzene	100-41-4	E611D	0.015	mg/kg	3.475 mg/kg	86.9	70.0	130	----
Hexane, n-	110-54-3	E611D	0.05	mg/kg	3.475 mg/kg	76.3	70.0	130	----
Methyl ethyl ketone [MEK]	78-93-3	E611D	0.5	mg/kg	3.475 mg/kg	94.8	60.0	140	----
Methyl isobutyl ketone [MIBK]	108-10-1	E611D	0.5	mg/kg	3.475 mg/kg	88.0	60.0	140	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	0.04	mg/kg	3.475 mg/kg	79.3	70.0	130	----



Sub-Matrix: Soil/Solid					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit	Concentration	LCS	Low	High	Qualifier
Volatile Organic Compounds (QCLot: 1170482) - continued									
Styrene	100-42-5	E611D	0.05	mg/kg	3.475 mg/kg	90.8	70.0	130	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	0.05	mg/kg	3.475 mg/kg	77.5	60.0	130	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	0.05	mg/kg	3.475 mg/kg	85.4	60.0	130	----
Tetrachloroethylene	127-18-4	E611D	0.05	mg/kg	3.475 mg/kg	75.7	60.0	130	----
Toluene	108-88-3	E611D	0.05	mg/kg	3.475 mg/kg	86.4	70.0	130	----
Trichloroethane, 1,1,1-	71-55-6	E611D	0.05	mg/kg	3.475 mg/kg	78.6	60.0	130	----
Trichloroethane, 1,1,2-	79-00-5	E611D	0.05	mg/kg	3.475 mg/kg	82.1	60.0	130	----
Trichloroethylene	79-01-6	E611D	0.01	mg/kg	3.475 mg/kg	76.4	60.0	130	----
Trichlorofluoromethane	75-69-4	E611D	0.05	mg/kg	3.475 mg/kg	71.4	50.0	140	----
Vinyl chloride	75-01-4	E611D	0.02	mg/kg	3.475 mg/kg	72.3	60.0	140	----
Xylene, m+p-	179601-23-1	E611D	0.03	mg/kg	6.95 mg/kg	86.6	70.0	130	----
Xylene, o-	95-47-6	E611D	0.03	mg/kg	3.475 mg/kg	88.0	70.0	130	----
Volatile Organic Compounds (QCLot: 1170577)									
Acetone	67-64-1	E611D	0.5	mg/kg	3.475 mg/kg	106	60.0	140	----
Benzene	71-43-2	E611D	0.005	mg/kg	3.475 mg/kg	94.4	70.0	130	----
Bromodichloromethane	75-27-4	E611D	0.05	mg/kg	3.475 mg/kg	96.0	50.0	140	----
Bromoform	75-25-2	E611D	0.05	mg/kg	3.475 mg/kg	90.0	70.0	130	----
Bromomethane	74-83-9	E611D	0.05	mg/kg	3.475 mg/kg	95.0	50.0	140	----
Carbon tetrachloride	56-23-5	E611D	0.05	mg/kg	3.475 mg/kg	93.2	70.0	130	----
Chlorobenzene	108-90-7	E611D	0.05	mg/kg	3.475 mg/kg	93.3	70.0	130	----
Chloroform	67-66-3	E611D	0.05	mg/kg	3.475 mg/kg	88.9	70.0	130	----
Dibromochloromethane	124-48-1	E611D	0.05	mg/kg	3.475 mg/kg	87.7	60.0	130	----
Dibromoethane, 1,2-	106-93-4	E611D	0.05	mg/kg	3.475 mg/kg	86.3	70.0	130	----
Dichlorobenzene, 1,2-	95-50-1	E611D	0.05	mg/kg	3.475 mg/kg	90.4	70.0	130	----
Dichlorobenzene, 1,3-	541-73-1	E611D	0.05	mg/kg	3.475 mg/kg	93.0	70.0	130	----
Dichlorobenzene, 1,4-	106-46-7	E611D	0.05	mg/kg	3.475 mg/kg	89.5	70.0	130	----
Dichlorodifluoromethane	75-71-8	E611D	0.05	mg/kg	3.475 mg/kg	65.1	50.0	140	----
Dichloroethane, 1,1-	75-34-3	E611D	0.05	mg/kg	3.475 mg/kg	96.4	60.0	130	----
Dichloroethane, 1,2-	107-06-2	E611D	0.05	mg/kg	3.475 mg/kg	95.6	60.0	130	----
Dichloroethylene, 1,1-	75-35-4	E611D	0.05	mg/kg	3.475 mg/kg	96.5	60.0	130	----
Dichloroethylene, cis-1,2-	156-59-2	E611D	0.05	mg/kg	3.475 mg/kg	94.5	70.0	130	----
Dichloroethylene, trans-1,2-	156-60-5	E611D	0.05	mg/kg	3.475 mg/kg	97.7	60.0	130	----
Dichloromethane	75-09-2	E611D	0.045	mg/kg	3.475 mg/kg	98.8	70.0	130	----
Dichloropropane, 1,2-	78-87-5	E611D	0.05	mg/kg	3.475 mg/kg	96.7	70.0	130	----
Dichloropropylene, cis-1,3-	10061-01-5	E611D	0.03	mg/kg	3.475 mg/kg	90.6	70.0	130	----
Dichloropropylene, trans-1,3-	10061-02-6	E611D	0.03	mg/kg	3.475 mg/kg	81.0	70.0	130	----



Sub-Matrix: Soil/Solid					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit					
Volatile Organic Compounds (QCLot: 1170577) - continued									
Ethylbenzene	100-41-4	E611D	0.015	mg/kg	3.475 mg/kg	83.5	70.0	130	----
Hexane, n-	110-54-3	E611D	0.05	mg/kg	3.475 mg/kg	91.9	70.0	130	----
Methyl ethyl ketone [MEK]	78-93-3	E611D	0.5	mg/kg	3.475 mg/kg	90.1	60.0	140	----
Methyl isobutyl ketone [MIBK]	108-10-1	E611D	0.5	mg/kg	3.475 mg/kg	88.1	60.0	140	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	0.04	mg/kg	3.475 mg/kg	85.0	70.0	130	----
Styrene	100-42-5	E611D	0.05	mg/kg	3.475 mg/kg	93.3	70.0	130	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	0.05	mg/kg	3.475 mg/kg	87.6	60.0	130	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	0.05	mg/kg	3.475 mg/kg	91.4	60.0	130	----
Tetrachloroethylene	127-18-4	E611D	0.05	mg/kg	3.475 mg/kg	94.2	60.0	130	----
Toluene	108-88-3	E611D	0.05	mg/kg	3.475 mg/kg	84.0	70.0	130	----
Trichloroethane, 1,1,1-	71-55-6	E611D	0.05	mg/kg	3.475 mg/kg	93.7	60.0	130	----
Trichloroethane, 1,1,2-	79-00-5	E611D	0.05	mg/kg	3.475 mg/kg	90.5	60.0	130	----
Trichloroethylene	79-01-6	E611D	0.01	mg/kg	3.475 mg/kg	95.0	60.0	130	----
Trichlorofluoromethane	75-69-4	E611D	0.05	mg/kg	3.475 mg/kg	92.4	50.0	140	----
Vinyl chloride	75-01-4	E611D	0.02	mg/kg	3.475 mg/kg	92.6	60.0	140	----
Xylene, m+p-	179601-23-1	E611D	0.03	mg/kg	6.95 mg/kg	90.4	70.0	130	----
Xylene, o-	95-47-6	E611D	0.03	mg/kg	3.475 mg/kg	91.1	70.0	130	----
Hydrocarbons (QCLot: 1166903)									
F2 (C10-C16)	----	E601.SG-L	10	mg/kg	656.4125 mg/kg	105	70.0	130	----
F3 (C16-C34)	----	E601.SG-L	50	mg/kg	1332.613 mg/kg	102	70.0	130	----
F4 (C34-C50)	----	E601.SG-L	50	mg/kg	761.4625 mg/kg	96.8	70.0	130	----
Hydrocarbons (QCLot: 1170483)									
F1 (C6-C10)	----	E581.F1	5	mg/kg	69.1875 mg/kg	94.0	80.0	120	----
Hydrocarbons (QCLot: 1170579)									
F1 (C6-C10)	----	E581.F1	5	mg/kg	69.1875 mg/kg	97.1	80.0	120	----
Polycyclic Aromatic Hydrocarbons (QCLot: 1166902)									
Acenaphthene	83-32-9	E641A	0.05	mg/kg	0.5 mg/kg	81.4	60.0	130	----
Acenaphthylene	208-96-8	E641A	0.05	mg/kg	0.5 mg/kg	84.8	60.0	130	----
Anthracene	120-12-7	E641A	0.05	mg/kg	0.5 mg/kg	89.1	60.0	130	----
Benz(a)anthracene	56-55-3	E641A	0.05	mg/kg	0.5 mg/kg	90.7	60.0	130	----
Benzo(a)pyrene	50-32-8	E641A	0.05	mg/kg	0.5 mg/kg	83.6	60.0	130	----
Benzo(b+j)fluoranthene	n/a	E641A	0.05	mg/kg	0.5 mg/kg	87.8	60.0	130	----
Benzo(g,h,i)perylene	191-24-2	E641A	0.05	mg/kg	0.5 mg/kg	76.4	60.0	130	----
Benzo(k)fluoranthene	207-08-9	E641A	0.05	mg/kg	0.5 mg/kg	90.3	60.0	130	----



Sub-Matrix: Soil/Solid					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Concentration	LCS	Low	High	Qualifier
Polycyclic Aromatic Hydrocarbons (QCLot: 1166902) - continued									
Chrysene	218-01-9	E641A	0.05	mg/kg	0.5 mg/kg	79.4	60.0	130	----
Dibenz(a,h)anthracene	53-70-3	E641A	0.05	mg/kg	0.5 mg/kg	78.7	60.0	130	----
Fluoranthene	206-44-0	E641A	0.05	mg/kg	0.5 mg/kg	89.1	60.0	130	----
Fluorene	86-73-7	E641A	0.05	mg/kg	0.5 mg/kg	87.8	60.0	130	----
Indeno(1,2,3-c,d)pyrene	193-39-5	E641A	0.05	mg/kg	0.5 mg/kg	78.2	60.0	130	----
Methylnaphthalene, 1-	90-12-0	E641A	0.03	mg/kg	0.5 mg/kg	69.6	60.0	130	----
Methylnaphthalene, 2-	91-57-6	E641A	0.03	mg/kg	0.5 mg/kg	76.5	60.0	130	----
Naphthalene	91-20-3	E641A	0.01	mg/kg	0.5 mg/kg	68.2	60.0	130	----
Phenanthrene	85-01-8	E641A	0.05	mg/kg	0.5 mg/kg	88.2	60.0	130	----
Pyrene	129-00-0	E641A	0.05	mg/kg	0.5 mg/kg	87.0	60.0	130	----



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

Sub-Matrix: Soil/Solid					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		Qualifier
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	
Cyanides (QCLot: 1166900)										
WT2331779-001	TP23- 10	Cyanide, weak acid dissociable	----	E336A	1.22 mg/kg	1.25 mg/kg	99.5	70.0	130	----
Volatile Organic Compounds (QCLot: 1170482)										
WT2331718-001	Anonymous	Acetone	67-64-1	E611D	2.71 mg/kg	3.125 mg/kg	121	50.0	140	----
		Benzene	71-43-2	E611D	2.35 mg/kg	3.125 mg/kg	105	50.0	140	----
		Bromodichloromethane	75-27-4	E611D	2.10 mg/kg	3.125 mg/kg	94.4	50.0	140	----
		Bromoform	75-25-2	E611D	2.02 mg/kg	3.125 mg/kg	90.4	50.0	140	----
		Bromomethane	74-83-9	E611D	2.12 mg/kg	3.125 mg/kg	95.1	50.0	140	----
		Carbon tetrachloride	56-23-5	E611D	2.10 mg/kg	3.125 mg/kg	94.0	50.0	140	----
		Chlorobenzene	108-90-7	E611D	2.06 mg/kg	3.125 mg/kg	92.2	50.0	140	----
		Chloroform	67-66-3	E611D	2.12 mg/kg	3.125 mg/kg	95.3	50.0	140	----
		Dibromochloromethane	124-48-1	E611D	2.02 mg/kg	3.125 mg/kg	90.5	50.0	140	----
		Dibromoethane, 1,2-	106-93-4	E611D	2.06 mg/kg	3.125 mg/kg	92.2	50.0	140	----
		Dichlorobenzene, 1,2-	95-50-1	E611D	2.04 mg/kg	3.125 mg/kg	91.3	50.0	140	----
		Dichlorobenzene, 1,3-	541-73-1	E611D	2.05 mg/kg	3.125 mg/kg	92.0	50.0	140	----
		Dichlorobenzene, 1,4-	106-46-7	E611D	2.02 mg/kg	3.125 mg/kg	90.5	50.0	140	----
		Dichlorodifluoromethane	75-71-8	E611D	1.98 mg/kg	3.125 mg/kg	88.7	50.0	140	----
		Dichloroethane, 1,1-	75-34-3	E611D	2.26 mg/kg	3.125 mg/kg	101	50.0	140	----
		Dichloroethane, 1,2-	107-06-2	E611D	2.18 mg/kg	3.125 mg/kg	97.8	50.0	140	----
		Dichloroethylene, 1,1-	75-35-4	E611D	2.10 mg/kg	3.125 mg/kg	94.3	50.0	140	----
		Dichloroethylene, cis-1,2-	156-59-2	E611D	2.35 mg/kg	3.125 mg/kg	106	50.0	140	----
		Dichloroethylene, trans-1,2-	156-60-5	E611D	2.11 mg/kg	3.125 mg/kg	94.4	50.0	140	----
		Dichloromethane	75-09-2	E611D	2.14 mg/kg	3.125 mg/kg	96.0	50.0	140	----
		Dichloropropane, 1,2-	78-87-5	E611D	2.14 mg/kg	3.125 mg/kg	96.1	50.0	140	----
		Dichloropropylene, cis-1,3-	10061-01-5	E611D	2.42 mg/kg	3.125 mg/kg	109	50.0	140	----
		Dichloropropylene, trans-1,3-	10061-02-6	E611D	2.16 mg/kg	3.125 mg/kg	97.0	50.0	140	----
		Ethylbenzene	100-41-4	E611D	2.27 mg/kg	3.125 mg/kg	102	50.0	140	----
		Hexane, n-	110-54-3	E611D	2.13 mg/kg	3.125 mg/kg	95.6	50.0	140	----
		Methyl ethyl ketone [MEK]	78-93-3	E611D	2.35 mg/kg	3.125 mg/kg	105	50.0	140	----
		Methyl isobutyl ketone [MIBK]	108-10-1	E611D	2.20 mg/kg	3.125 mg/kg	98.6	50.0	140	----
		Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	2.01 mg/kg	3.125 mg/kg	90.1	50.0	140	----
		Styrene	100-42-5	E611D	2.34 mg/kg	3.125 mg/kg	105	50.0	140	----



Sub-Matrix: Soil/Solid					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Volatile Organic Compounds (QCLot: 1170482) - continued										
WT2331718-001	Anonymous	Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	2.03 mg/kg	3.125 mg/kg	91.0	50.0	140	----
		Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	2.16 mg/kg	3.125 mg/kg	96.9	50.0	140	----
		Tetrachloroethylene	127-18-4	E611D	2.02 mg/kg	3.125 mg/kg	90.7	50.0	140	----
		Toluene	108-88-3	E611D	2.25 mg/kg	3.125 mg/kg	101	50.0	140	----
		Trichloroethane, 1,1,1-	71-55-6	E611D	2.12 mg/kg	3.125 mg/kg	95.3	50.0	140	----
		Trichloroethane, 1,1,2-	79-00-5	E611D	2.12 mg/kg	3.125 mg/kg	95.0	50.0	140	----
		Trichloroethylene	79-01-6	E611D	2.02 mg/kg	3.125 mg/kg	90.7	50.0	140	----
		Trichlorofluoromethane	75-69-4	E611D	2.04 mg/kg	3.125 mg/kg	91.6	50.0	140	----
		Vinyl chloride	75-01-4	E611D	2.12 mg/kg	3.125 mg/kg	94.9	50.0	140	----
		Xylene, m+p-	179601-23-1	E611D	4.53 mg/kg	6.25 mg/kg	102	50.0	140	----
		Xylene, o-	95-47-6	E611D	2.28 mg/kg	3.125 mg/kg	102	50.0	140	----
Volatile Organic Compounds (QCLot: 1170577)										
WT2331759-001	Anonymous	Acetone	67-64-1	E611D	3.58 mg/kg	3.125 mg/kg	121	50.0	140	----
		Benzene	71-43-2	E611D	3.05 mg/kg	3.125 mg/kg	104	50.0	140	----
		Bromodichloromethane	75-27-4	E611D	3.04 mg/kg	3.125 mg/kg	103	50.0	140	----
		Bromoform	75-25-2	E611D	2.87 mg/kg	3.125 mg/kg	97.4	50.0	140	----
		Bromomethane	74-83-9	E611D	3.27 mg/kg	3.125 mg/kg	111	50.0	140	----
		Carbon tetrachloride	56-23-5	E611D	3.00 mg/kg	3.125 mg/kg	102	50.0	140	----
		Chlorobenzene	108-90-7	E611D	3.00 mg/kg	3.125 mg/kg	102	50.0	140	----
		Chloroform	67-66-3	E611D	2.87 mg/kg	3.125 mg/kg	97.3	50.0	140	----
		Dibromochloromethane	124-48-1	E611D	2.81 mg/kg	3.125 mg/kg	95.3	50.0	140	----
		Dibromoethane, 1,2-	106-93-4	E611D	2.83 mg/kg	3.125 mg/kg	96.0	50.0	140	----
		Dichlorobenzene, 1,2-	95-50-1	E611D	2.87 mg/kg	3.125 mg/kg	97.2	50.0	140	----
		Dichlorobenzene, 1,3-	541-73-1	E611D	2.86 mg/kg	3.125 mg/kg	97.0	50.0	140	----
		Dichlorobenzene, 1,4-	106-46-7	E611D	2.83 mg/kg	3.125 mg/kg	96.0	50.0	140	----
		Dichlorodifluoromethane	75-71-8	E611D	3.05 mg/kg	3.125 mg/kg	103	50.0	140	----
		Dichloroethane, 1,1-	75-34-3	E611D	3.17 mg/kg	3.125 mg/kg	107	50.0	140	----
		Dichloroethane, 1,2-	107-06-2	E611D	3.08 mg/kg	3.125 mg/kg	104	50.0	140	----
		Dichloroethylene, 1,1-	75-35-4	E611D	3.21 mg/kg	3.125 mg/kg	109	50.0	140	----
		Dichloroethylene, cis-1,2-	156-59-2	E611D	3.04 mg/kg	3.125 mg/kg	103	50.0	140	----
		Dichloroethylene, trans-1,2-	156-60-5	E611D	2.78 mg/kg	3.125 mg/kg	94.4	50.0	140	----
		Dichloromethane	75-09-2	E611D	3.22 mg/kg	3.125 mg/kg	109	50.0	140	----
		Dichloropropane, 1,2-	78-87-5	E611D	3.10 mg/kg	3.125 mg/kg	105	50.0	140	----
		Dichloropropylene, cis-1,3-	10061-01-5	E611D	2.88 mg/kg	3.125 mg/kg	97.7	50.0	140	----
		Dichloropropylene, trans-1,3-	10061-02-6	E611D	2.62 mg/kg	3.125 mg/kg	88.8	50.0	140	----



Sub-Matrix: Soil/Solid					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Volatile Organic Compounds (QCLot: 1170577) - continued										
WT2331759-001	Anonymous	Ethylbenzene	100-41-4	E611D	2.75 mg/kg	3.125 mg/kg	93.1	50.0	140	----
		Hexane, n-	110-54-3	E611D	3.21 mg/kg	3.125 mg/kg	109	50.0	140	----
		Methyl ethyl ketone [MEK]	78-93-3	E611D	3.02 mg/kg	3.125 mg/kg	102	50.0	140	----
		Methyl isobutyl ketone [MIBK]	108-10-1	E611D	2.93 mg/kg	3.125 mg/kg	99.1	50.0	140	----
		Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D	2.75 mg/kg	3.125 mg/kg	93.2	50.0	140	----
		Styrene	100-42-5	E611D	2.98 mg/kg	3.125 mg/kg	101	50.0	140	----
		Tetrachloroethane, 1,1,1,2-	630-20-6	E611D	2.81 mg/kg	3.125 mg/kg	95.3	50.0	140	----
		Tetrachloroethane, 1,1,2,2-	79-34-5	E611D	2.99 mg/kg	3.125 mg/kg	101	50.0	140	----
		Tetrachloroethylene	127-18-4	E611D	3.01 mg/kg	3.125 mg/kg	102	50.0	140	----
		Toluene	108-88-3	E611D	2.77 mg/kg	3.125 mg/kg	93.8	50.0	140	----
		Trichloroethane, 1,1,1-	71-55-6	E611D	3.01 mg/kg	3.125 mg/kg	102	50.0	140	----
		Trichloroethane, 1,1,2-	79-00-5	E611D	2.96 mg/kg	3.125 mg/kg	100	50.0	140	----
		Trichloroethylene	79-01-6	E611D	3.00 mg/kg	3.125 mg/kg	102	50.0	140	----
		Trichlorofluoromethane	75-69-4	E611D	3.15 mg/kg	3.125 mg/kg	107	50.0	140	----
		Vinyl chloride	75-01-4	E611D	3.38 mg/kg	3.125 mg/kg	114	50.0	140	----
		Xylene, m+p-	179601-23-1	E611D	5.81 mg/kg	6.25 mg/kg	98.5	50.0	140	----
		Xylene, o-	95-47-6	E611D	2.95 mg/kg	3.125 mg/kg	99.8	50.0	140	----
Hydrocarbons (QCLot: 1166903)										
WT2331779-001	TP23- 10	F2 (C10-C16)	----	E601.SG-L	586 mg/kg	656.4125 mg/kg	108	60.0	140	----
		F3 (C16-C34)	----	E601.SG-L	1170 mg/kg	1332.613 mg/kg	106	60.0	140	----
		F4 (C34-C50)	----	E601.SG-L	645 mg/kg	761.4625 mg/kg	102	60.0	140	----
Hydrocarbons (QCLot: 1170483)										
WT2331718-001	Anonymous	F1 (C6-C10)	----	E581.F1	42.0 mg/kg	62.5 mg/kg	94.2	60.0	140	----
Hydrocarbons (QCLot: 1170579)										
WT2331759-001	Anonymous	F1 (C6-C10)	----	E581.F1	56.3 mg/kg	62.5 mg/kg	95.4	60.0	140	----
Polycyclic Aromatic Hydrocarbons (QCLot: 1166902)										
WT2331779-001	TP23- 10	Acenaphthene	83-32-9	E641A	0.355 mg/kg	0.5 mg/kg	84.0	50.0	140	----
		Acenaphthylene	208-96-8	E641A	0.364 mg/kg	0.5 mg/kg	86.0	50.0	140	----
		Anthracene	120-12-7	E641A	0.370 mg/kg	0.5 mg/kg	87.6	50.0	140	----
		Benz(a)anthracene	56-55-3	E641A	0.368 mg/kg	0.5 mg/kg	87.0	50.0	140	----
		Benzo(a)pyrene	50-32-8	E641A	0.348 mg/kg	0.5 mg/kg	82.2	50.0	140	----
		Benzo(b+j)fluoranthene	n/a	E641A	0.365 mg/kg	0.5 mg/kg	86.2	50.0	140	----
		Benzo(g,h,i)perylene	191-24-2	E641A	0.305 mg/kg	0.5 mg/kg	72.0	50.0	140	----
		Benzo(k)fluoranthene	207-08-9	E641A	0.373 mg/kg	0.5 mg/kg	88.1	50.0	140	----



Sub-Matrix: Soil/Solid					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Polycyclic Aromatic Hydrocarbons (QCLot: 1166902) - continued										
WT2331779-001	TP23- 10	Chrysene	218-01-9	E641A	0.320 mg/kg	0.5 mg/kg	75.7	50.0	140	----
		Dibenz(a,h)anthracene	53-70-3	E641A	0.326 mg/kg	0.5 mg/kg	77.1	50.0	140	----
		Fluoranthene	206-44-0	E641A	0.373 mg/kg	0.5 mg/kg	88.1	50.0	140	----
		Fluorene	86-73-7	E641A	0.369 mg/kg	0.5 mg/kg	87.3	50.0	140	----
		Indeno(1,2,3-c,d)pyrene	193-39-5	E641A	0.317 mg/kg	0.5 mg/kg	75.0	50.0	140	----
		Methylnaphthalene, 1-	90-12-0	E641A	0.334 mg/kg	0.5 mg/kg	79.0	50.0	140	----
		Methylnaphthalene, 2-	91-57-6	E641A	0.375 mg/kg	0.5 mg/kg	88.7	50.0	140	----
		Naphthalene	91-20-3	E641A	0.349 mg/kg	0.5 mg/kg	82.5	50.0	140	----
		Phenanthrene	85-01-8	E641A	0.368 mg/kg	0.5 mg/kg	87.1	50.0	140	----
		Pyrene	129-00-0	E641A	0.364 mg/kg	0.5 mg/kg	86.1	50.0	140	----



Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

Sub-Matrix:

Sub-Matrix:					Reference Material (RM) Report				
					RM Target Concentration	Recovery (%) RM	Recovery Limits (%)		Qualifier
Laboratory sample ID	Reference Material ID	Analyte	CAS Number	Method			Low	High	
Physical Tests (QCLot: 1166906)									
	RM	Conductivity (1:2 leachate)	----	E100-L	1970.3 µS/cm	95.6	70.0	130	----
Metals (QCLot: 1166905)									
	RM	Calcium, soluble ion content	7440-70-2	E484	79.7 mg/L	97.0	70.0	130	----
	RM	Magnesium, soluble ion content	7439-95-4	E484	24.87 mg/L	94.5	70.0	130	----
	RM	Sodium, soluble ion content	17341-25-2	E484	89.79 mg/L	93.2	70.0	130	----
Metals (QCLot: 1166907)									
	RM	Boron, hot water soluble	7440-42-8	E487	1.9944 mg/kg	87.4	60.0	140	----
Metals (QCLot: 1166908)									
	RM	Mercury	7439-97-6	E510C	0.0585 mg/kg	104	70.0	130	----
Metals (QCLot: 1166909)									
	RM	Antimony	7440-36-0	E440C	3.99 mg/kg	102	70.0	130	----
	RM	Arsenic	7440-38-2	E440C	3.73 mg/kg	102	70.0	130	----
	RM	Barium	7440-39-3	E440C	105 mg/kg	103	70.0	130	----
	RM	Beryllium	7440-41-7	E440C	0.349 mg/kg	101	70.0	130	----
	RM	Boron	7440-42-8	E440C	8.5 mg/kg	106	70.0	130	----
	RM	Cadmium	7440-43-9	E440C	0.91 mg/kg	97.2	70.0	130	----
	RM	Chromium	7440-47-3	E440C	101 mg/kg	101	70.0	130	----
	RM	Cobalt	7440-48-4	E440C	6.9 mg/kg	100	70.0	130	----
	RM	Copper	7440-50-8	E440C	123 mg/kg	106	70.0	130	----
	RM	Lead	7439-92-1	E440C	267 mg/kg	101	70.0	130	----
	RM	Molybdenum	7439-98-7	E440C	1.03 mg/kg	98.3	70.0	130	----
	RM	Nickel	7440-02-0	E440C	26.7 mg/kg	99.7	70.0	130	----
	RM	Silver	7440-22-4	E440C	4.06 mg/kg	87.2	70.0	130	----
	RM	Thallium	7440-28-0	E440C	0.0786 mg/kg	96.6	70.0	130	----
	RM	Uranium	7440-61-1	E440C	0.52 mg/kg	89.8	70.0	130	----
	RM	Vanadium	7440-62-2	E440C	32.7 mg/kg	102	70.0	130	----
	RM	Zinc	7440-66-6	E440C	297 mg/kg	98.3	70.0	130	----
Speciated Metals (QCLot: 1166904)									

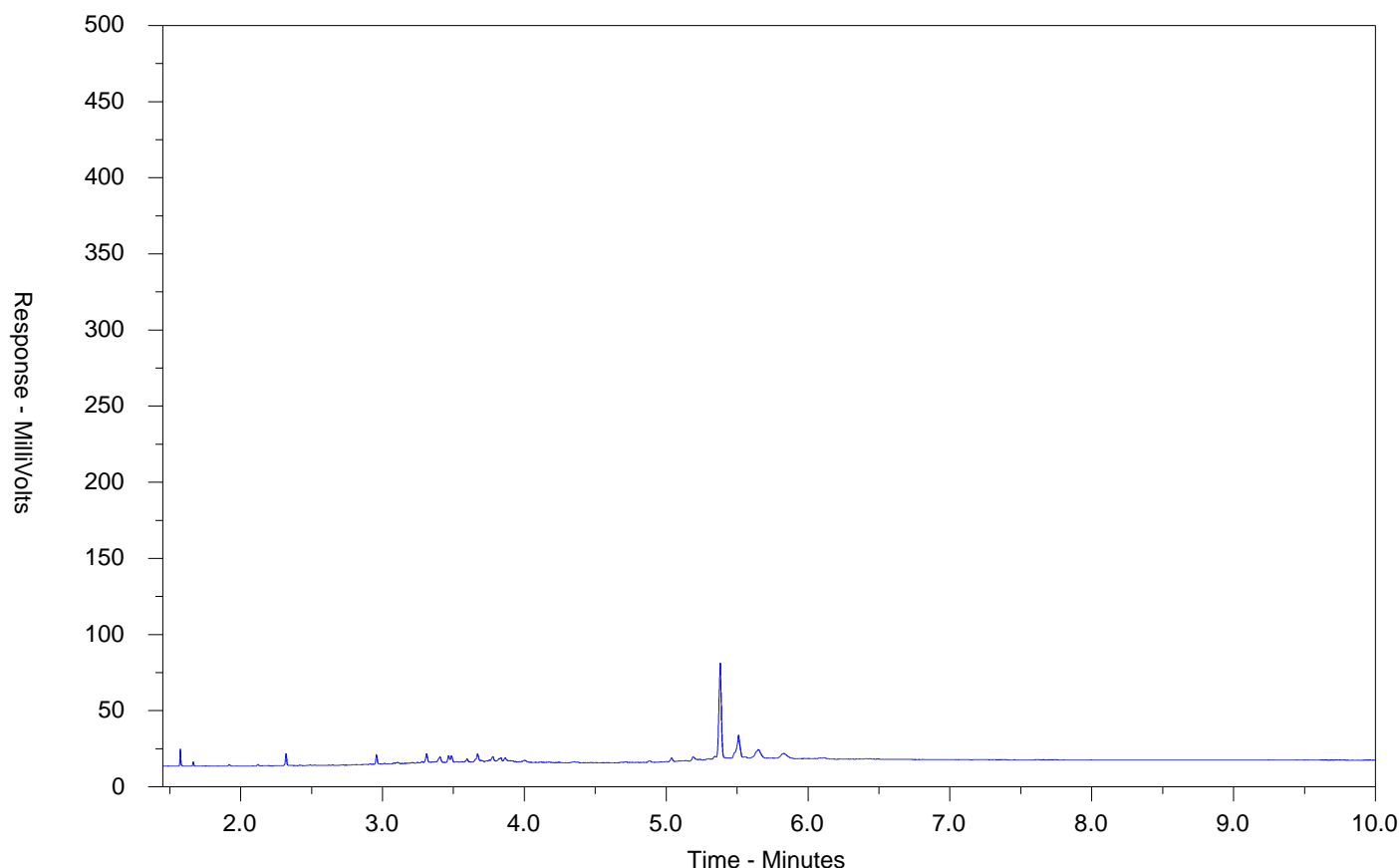


Sub-Matrix:					Reference Material (RM) Report				
					RM Target Concentration	Recovery (%) RM	Recovery Limits (%)		Qualifier
Low	High								
Laboratory sample ID	Reference Material ID	Analyte	CAS Number	Method					
Speciated Metals (QCLot: 1166904) - continued									
	RM	Chromium, hexavalent [Cr VI]	18540-29-9	E532	172 mg/kg	84.0	70.0	130	----

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-001-E601.SG-L
Client Sample ID: TP23- 10



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

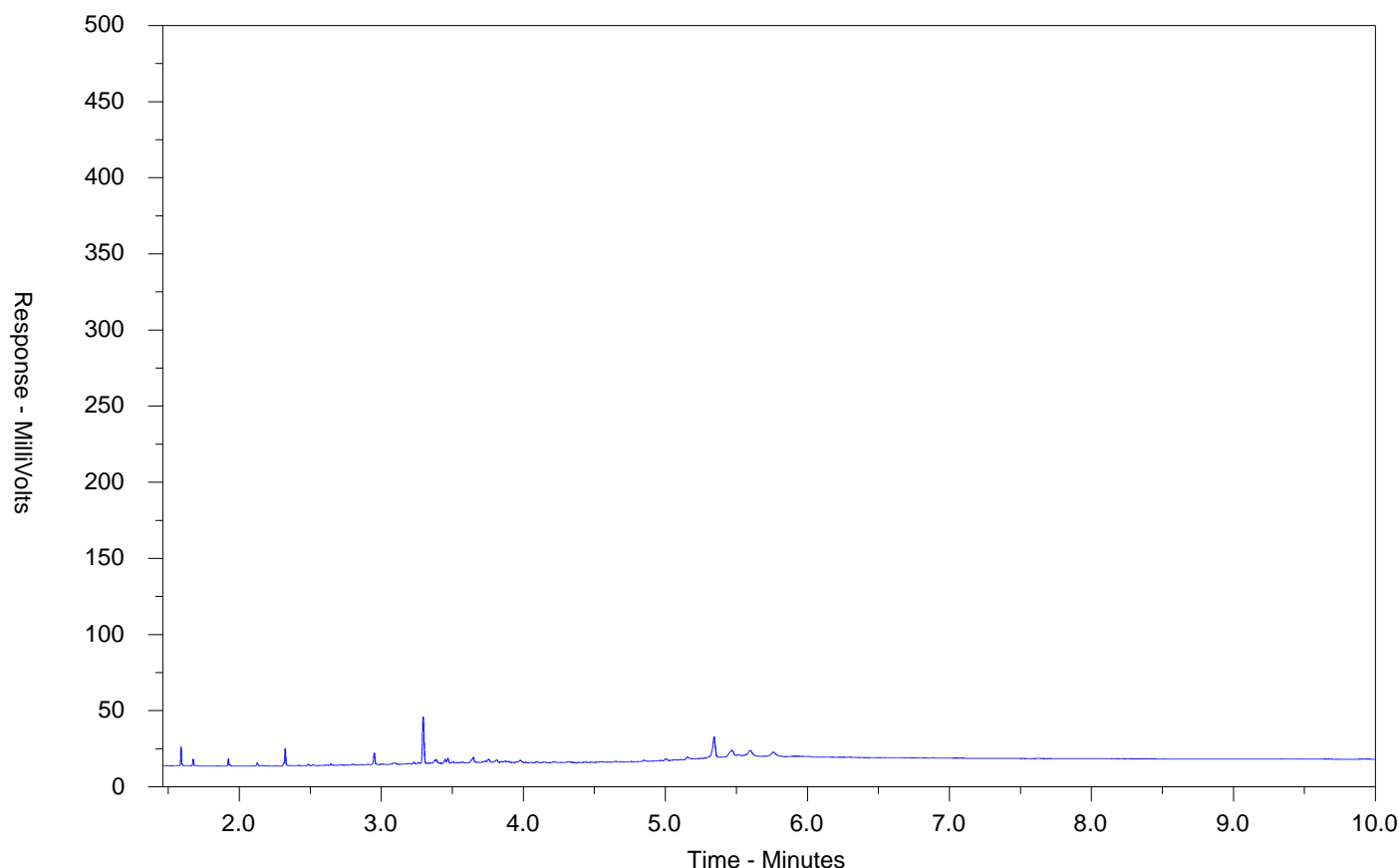
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-002-E601.SG-L
Client Sample ID: TP23- 7



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

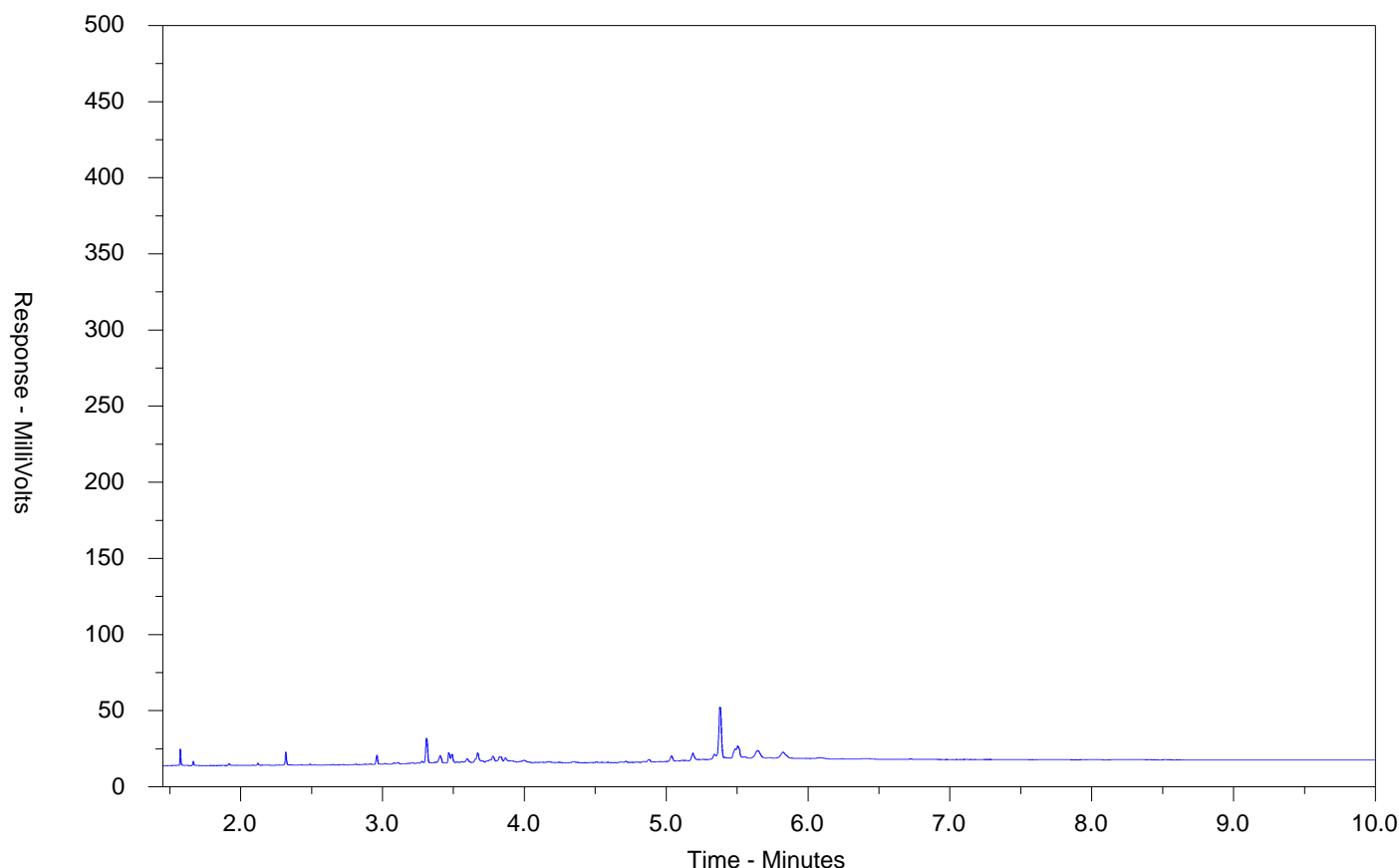
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-003-E601.SG-L
Client Sample ID: TP23- 4



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

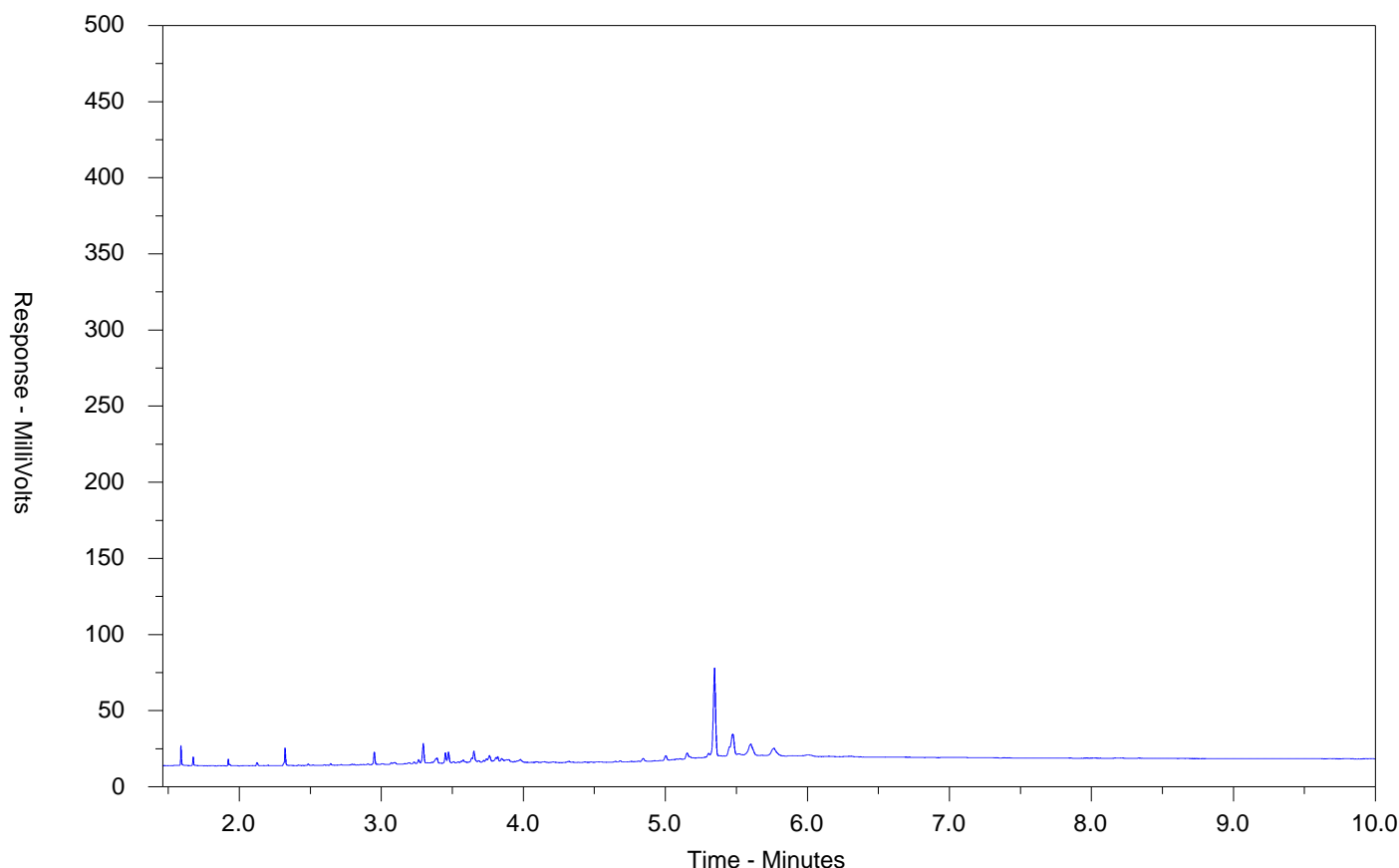
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-004-E601.SG-L
Client Sample ID: TP23- 12



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

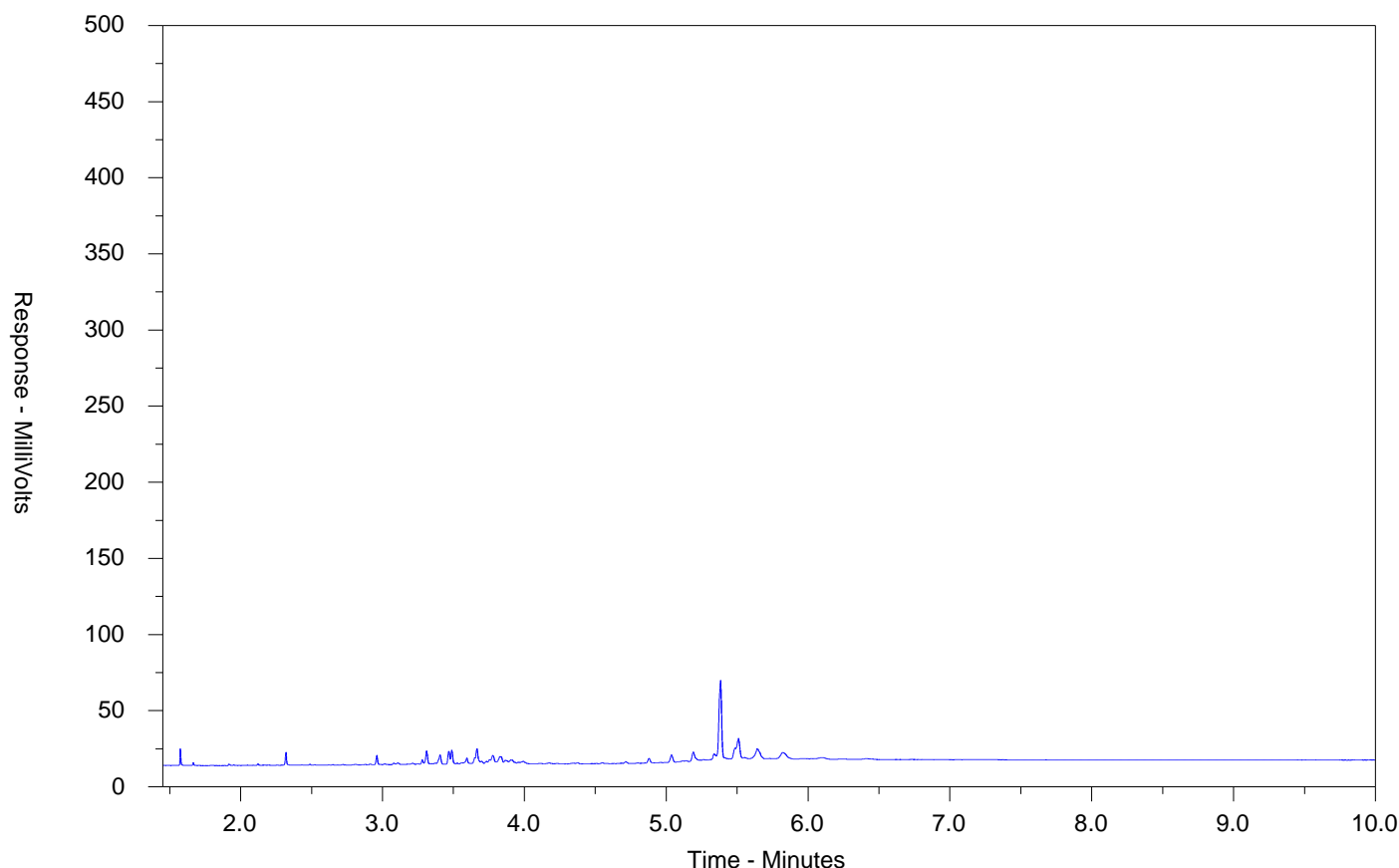
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-005-E601.SG-L
Client Sample ID: TP23- 22



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

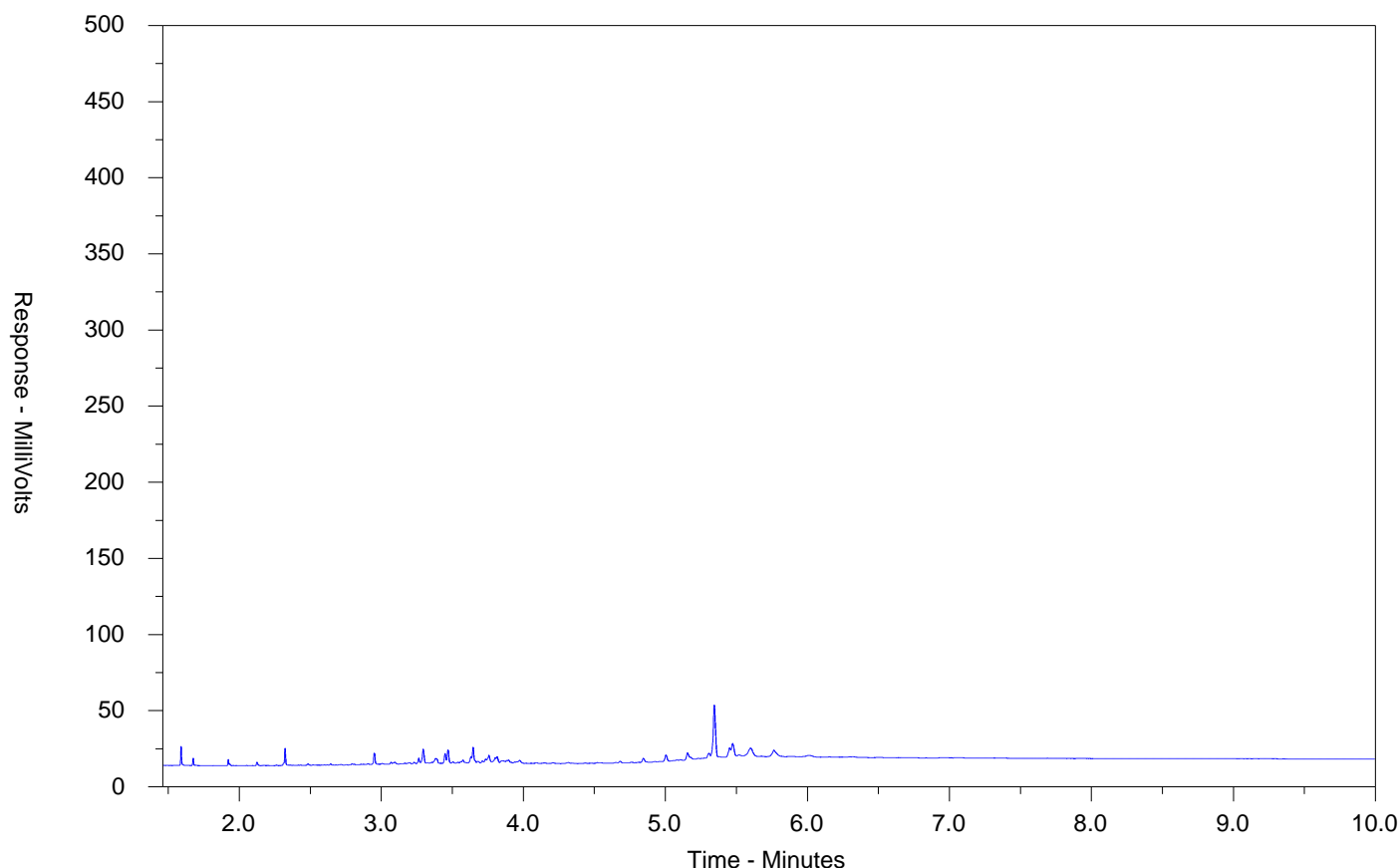
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-006-E601.SG-L
Client Sample ID: TP23- 19



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

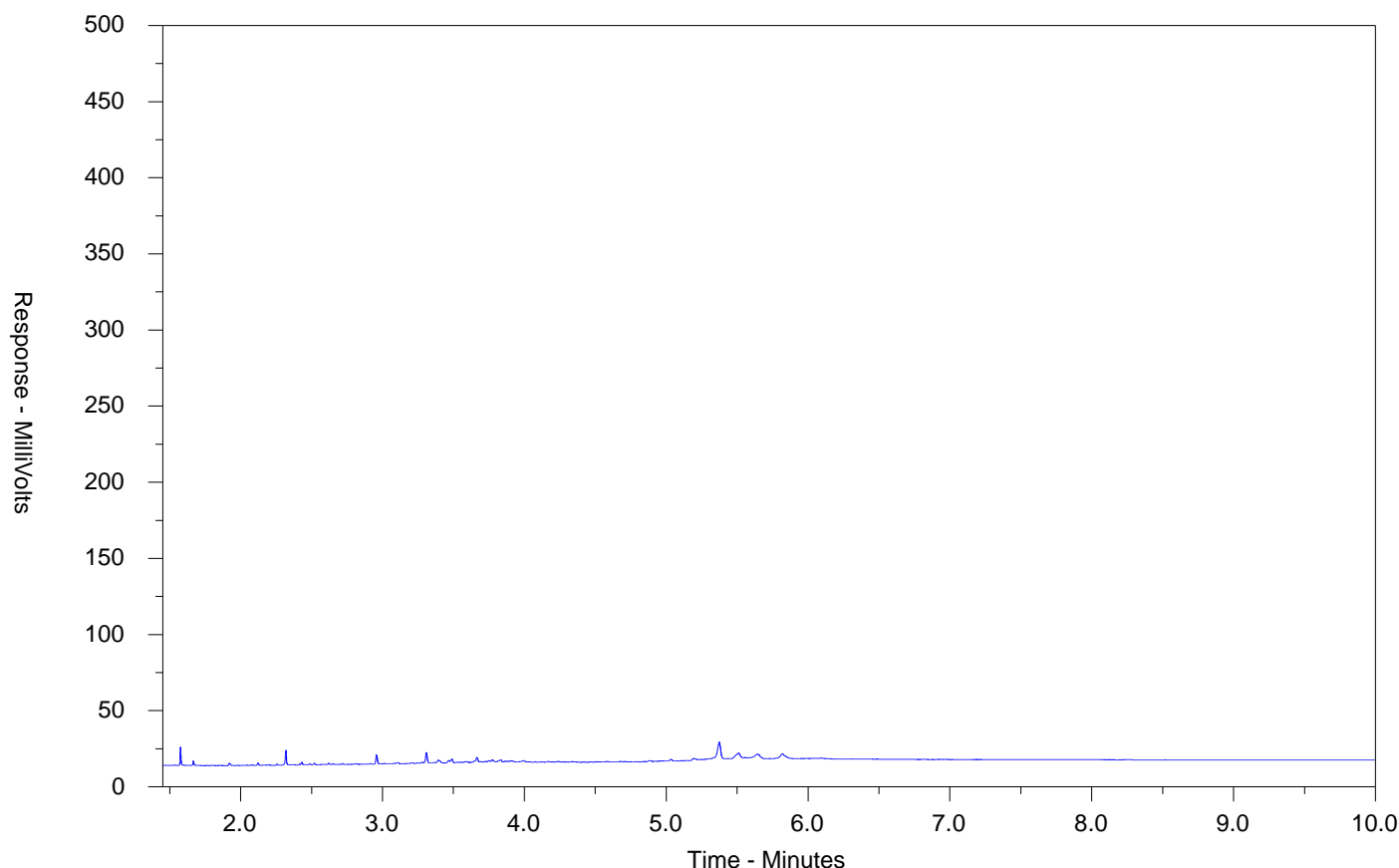
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

CCME F2-F4 HYDROCARBON DISTRIBUTION REPORT



ALS Sample ID: WT2331779-007-E601.SG-L
Client Sample ID: S23- 1



← F2 →		← F3 →		← F4 →	
nC10	nC16		nC34		nC50
174°C	287°C		481°C		575°C
346°F	549°F		898°F		1067°F
Gasoline →			← Motor Oils/Lube Oils/Grease		
← Diesel/Jet Fuels →					

The CCME F2-F4 Hydrocarbon Distribution Report (HDR) is intended to assist you in characterizing hydrocarbon products that may be present in your sample.

The scale at the bottom of the chromatogram indicates the approximate retention times of common petroleum products and four n-alkane hydrocarbon marker compounds. Retention times may vary between samples, but general patterns and distributions will remain similar.

Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

Note: This chromatogram was produced using GC conditions that are specific to ALS Canada CCME F2-F4 method. Refer to the ALS Canada CCME F2-F4 Hydrocarbon Library for a collection of chromatograms from common reference samples (fuels, oils, etc.). The HDR Library can be found at www.alsglobal.com.

Canada Toll Free: 1 800 668 9878

www.alsglobal.com

-port 10

Contact and company name below will appear on the final report

Company:

Contact:

Phone:

Street:

City/Province:

Postal Code:

Invoice To:

Company:

Contact:

ALS Account # / Quote #:

PO / AFE:

-SD:

ALS Lab Work Order # (ALS use only):

ALS Sample # (ALS use only):

Sample Identification and/or Coordinates (This description will appear on the report)

Date

Time

Sample Type

Date

Time

Sample Type

Date

Time

Sample Type

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Reports / Recipients

Select Report Format: ☐ PDF ☐ EXCEL ☐ EDD (DIGITAL)Merge QC/QC Reports with COA ☐ YES ☐ NO ☐ N/A☐ Compare Results to Criteria on Report - provide details below if box checkedSelect Distribution: ☐ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: porchard@envisionconsultants.ca

Email 2: kserafini@envisionconsultants.ca

Email 3: dhoofen@envisionconsultants.ca

Invoice Recipients

Select Invoice Distribution: ☐ EMAIL ☐ MAIL ☐ FAX

Email 1 or Fax: payables@envisionconsultants.ca

Email 2

Oil and Gas Required Fields (client use)

AFE/Cost Center

Major/Minor Code

Routing Code

Requestioner

Location

ALS Contact

ALS Sample # (ALS use only)

Sample Identification and/or Coordinates (This description will appear on the report)

Date

Time

Sample Type

Date

Time

Sample Type

Date

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Sample Type

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Sample Type

Date

Time

Turnaround Time (TAT) Requested

☐ Routine (R) if received by 3pm M-F - no surcharges apply☐ 4 day (P4) if received by 3pm M-F - 20% rush surcharge ml☐ 3 day (P3) if received by 3pm M-F - 25% rush surcharge ml☐ 2 day (P2) if received by 3pm M-F - 50% rush surcharge ml☐ 1 day (E) if received by 3pm M-F - 100% rush surcharge ml☐ Same day (EZ) if received by 10am M-S - 200% rush surcharge

Additional fees may apply to rush requests on weeks

Date and Time Required for all E&P TATs:

For all tests with rush TATs requested, please

Analysis R

Indicate Filtered (F), Preserved (P) or Filtered

Analysis R

Telephone: +1 519 886 6910

Environmental Division

Waterloo

Work Order Reference

WT2331779

SUSPECTED HAZARD (see not)

EXTENDED STORAGE REQUIR

SAMPLES ON HOLD

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NOCooler Custody Seals Intact: ☐ YES ☐ N/ASample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C

FINAL COOLER TEMPERATURES °C

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NOCooler Custody Seals Intact: ☐ YES ☐ N/ASample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C

FINAL COOLER TEMPERATURES °C

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NOCooler Custody Seals Intact: ☐ YES ☐ N/ASample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C

FINAL COOLER TEMPERATURES °C

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NOCooler Custody Seals Intact: ☐ YES ☐ N/ASample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C

FINAL COOLER TEMPERATURES °C

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NOCooler Custody Seals Intact: ☐ YES ☐ N/ASample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C

FINAL COOLER TEMPERATURES °C

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NOCooler Custody Seals Intact: ☐ YES ☐ N/ASample Custody Seals Intact: ☐ YES ☐ N/A

INITIAL COOLER TEMPERATURES °C

FINAL COOLER TEMPERATURES °C

Cooling Method: ☐ NONE ☒ ICE ☐ ICE PACKS ☐ FROZEN ☐ COOLING INITIATEDSubmission Comments identified on Sample Receipt Notification: ☐ YES ☐ NO



APPENDIX K

QUALIFICATIONS OF THE ASSESSORS



Mr. Naveed Rehman is a Senior Project Geoscientist of Sola Engineering's Environmental Group with over twelve years of professional experience in environmental site assessments, remediation and geological exploration projects. His experience includes in the areas of Phase One and Two Environmental Site Assessments (ESAs), indoor air quality sampling, wastewater investigation, testing and monitoring, site clean-up and remediation, and soil and groundwater investigations. Mr. Rehman has extensive experience in site reconnaissance, field investigations, supervising and monitoring air quality assessment projects, overseeing site clean-up and/or remediation programs. He has completed many Phase One and Two ESAs for commercial, residential, and industrial properties and has completed several Records of Site Condition.

He earned his B.Sc. in Geology degree from the University of Toronto in 2007, and is a licensed Professional Geoscientist (P. Geo.) in Ontario and Qualified Person (QP-ESA) under the Ontario Ministry of Environment's requirements of O.Reg. 153/04 (amended).