



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



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DRAWING 1: Site Location Map

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

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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.

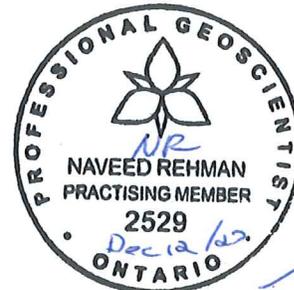
In evaluating the Phase One Property, Sola Engineering Inc. has relied on the Client to provide all existing relevant reports. Furthermore, we also relied in good faith on information provided by any other individuals noted in the report. We assume that all the information provided is factual and accurate. 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 Plan 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

PROJECT NO: 11249-S0332-ENV

PROJECT: Phase One Environmental Site Assessment

LEGENDS:

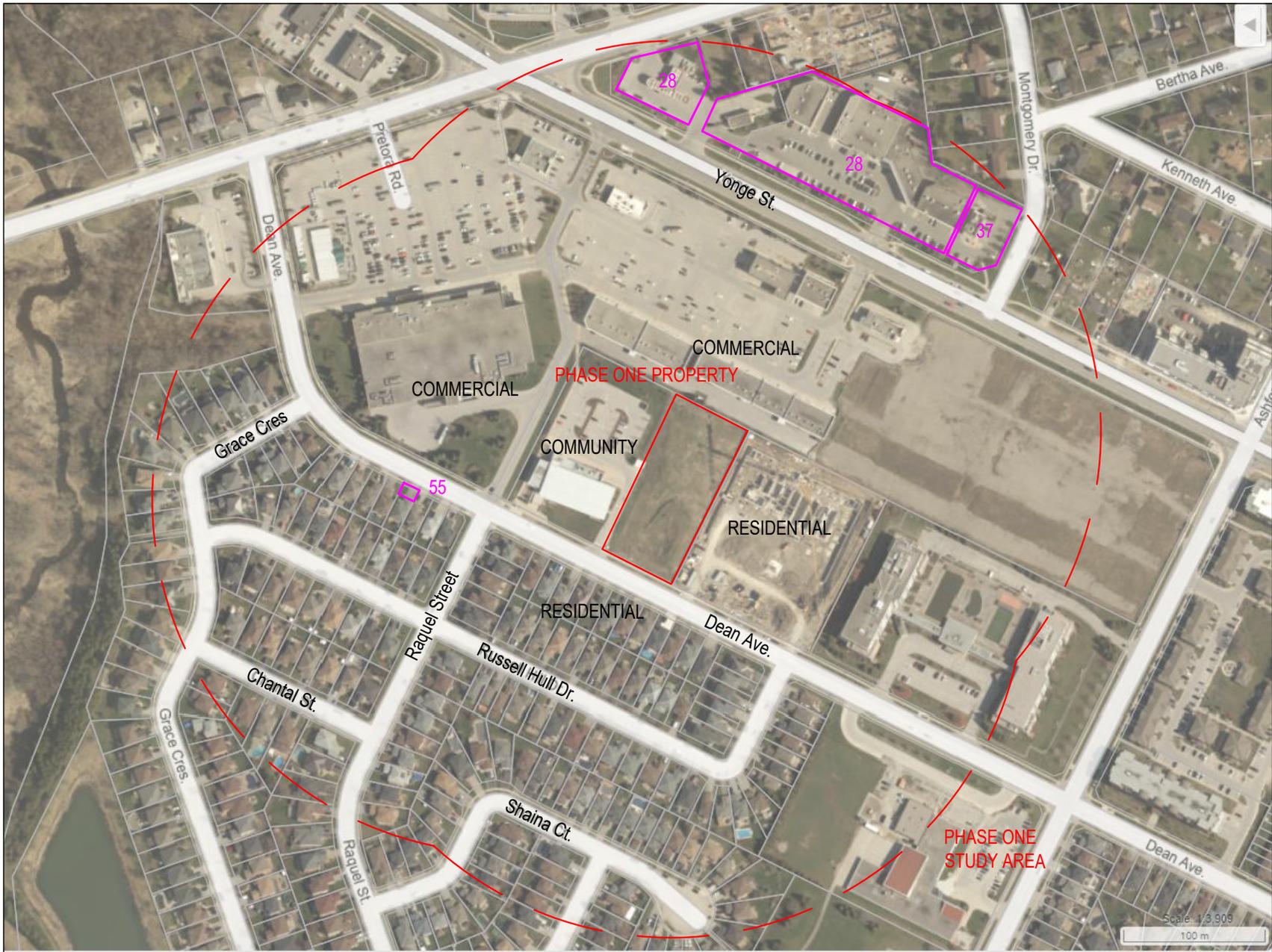
- Phase One Property
- Phase One Study Area


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

DRAWN BY: K.C.

SITE ADDRESS:
48 Dean Avenue, Barrie, Ontario



DRAWING NO: 2
DRAWING TITLE: Phase One Conceptual Site Model with Potentially Contaminating Activities

CLIENT: City of Barrie
PROJECT NO: 11249-S0332-ENV
PROJECT: Phase One Environmental Site Assessment

NOTES:
 Ontario Regulation 153/04 records of site condition - part XV.1 of the Act scheduled - Phase One Environmental Site Assessments
 Table 2 - Potentially Contaminating Activities:
 28- Gasoline and Associated Products Storage in Fixed Tanks
 37- Operation of Dry Cleaning Equipment (where chemicals are used)
 55- Transformer Manufacturing, Processing and Use

LEGENDS:
 Potentially Contaminating Activities
 Phase One Property
 Phase One Study Area

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
DRAWN BY: K.C.

SITE ADDRESS:
 48 Dean Avenue, Barrie, Ontario



APPENDIX A LEGAL SURVEY

FINAL APPROVAL STAMP

Approved under Section 51 of the Planning Act.

THIS 17th DAY OF April, 2000.

Janice Leaking

MAYOR

[Signature]

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

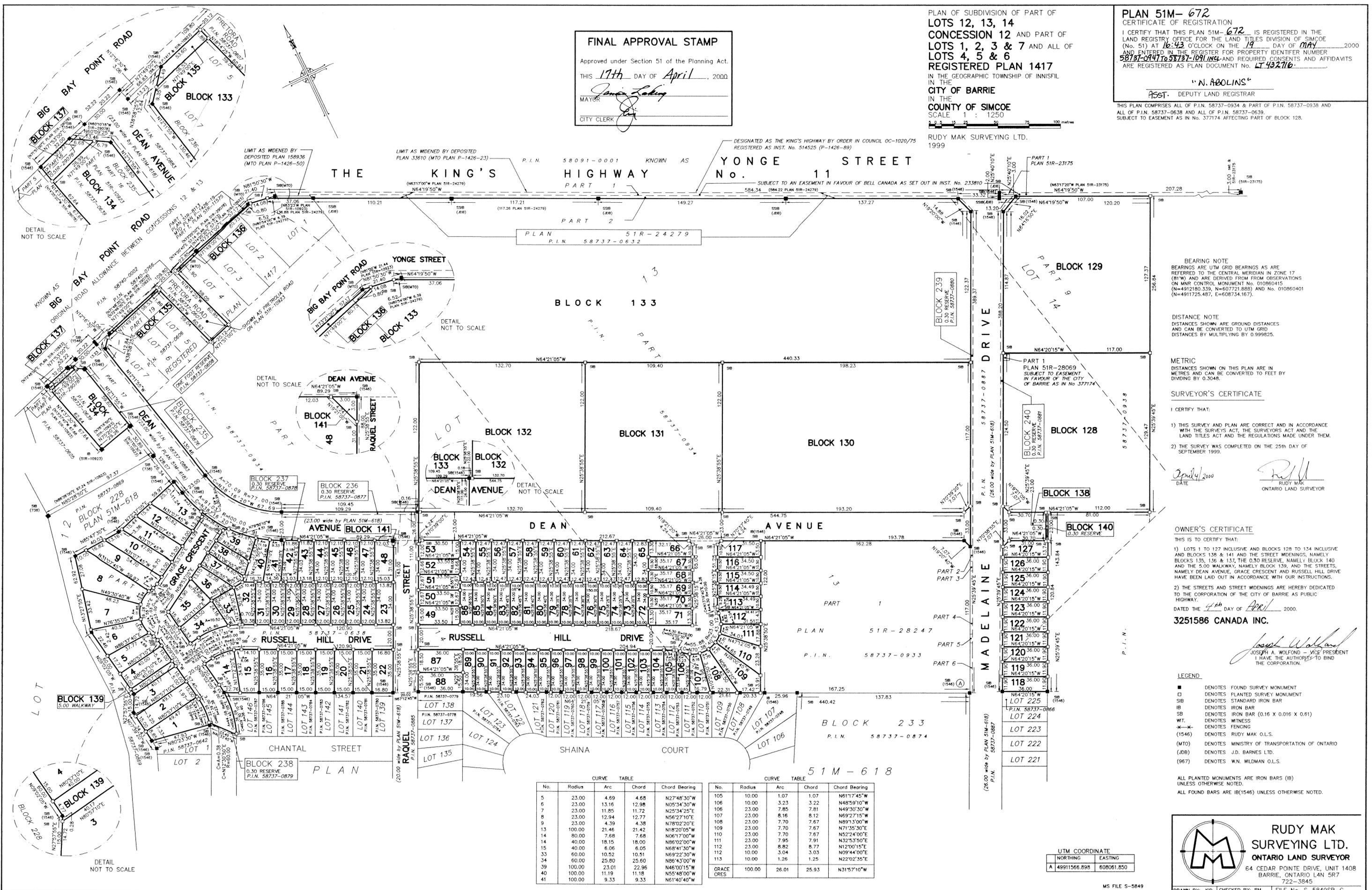
RUDY MAK SURVEYING LTD.
 1999

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 58737-0447 TO 58737-1091 AND REQUIRED CONSENTS AND AFFIDAVITS ARE REGISTERED AS PLAN DOCUMENT No. LT 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.



BEARING NOTE
 BEARINGS ARE UTM GRID BEARINGS AS ARE REFERRED TO THE CENTRAL MERIDIAN IN ZONE 17 (81°W) AND ARE DERIVED FROM FROM OBSERVATIONS ON MNR CONTROL MONUMENT No. 010860415 (N=4912180.339, N=607721.888) AND No. 010860401 (N=4911725.487, E=606734.167).

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.

[Signature]
 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.

[Signature]
 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
- IB DENOTES IRON BAR
- SB DENOTES IRON BAR (0.16 X 0.016 X 0.61)
- WT. DENOTES WITNESS
- X— 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.

CURVE TABLE

| No. | Radius | Arc | Chord | Chord Bearing |
|-------------|--------|-------|-------|---------------|
| 5 | 23.00 | 4.69 | 4.68 | N27°48'30"W |
| 6 | 23.00 | 13.16 | 12.98 | N63°43'30"W |
| 7 | 23.00 | 11.85 | 11.72 | N25°34'25"E |
| 8 | 23.00 | 12.94 | 12.77 | N56°27'10"E |
| 9 | 23.00 | 4.39 | 4.38 | N78°02'20"E |
| 13 | 100.00 | 21.46 | 21.42 | N18°20'05"W |
| 14 | 80.00 | 7.68 | 7.68 | N06°17'00"W |
| 14 | 40.00 | 18.15 | 18.00 | N86°02'00"W |
| 15 | 40.00 | 6.06 | 6.05 | N88°41'30"W |
| 33 | 60.00 | 10.52 | 10.51 | N69°22'30"W |
| 34 | 60.00 | 25.80 | 25.60 | N86°43'00"W |
| 39 | 100.00 | 23.01 | 22.96 | N46°00'15"W |
| 40 | 100.00 | 11.19 | 11.18 | N55°48'00"W |
| 41 | 100.00 | 9.33 | 9.33 | N61°40'40"W |
| 105 | 10.00 | 1.07 | 1.07 | N61°17'45"W |
| 106 | 10.00 | 3.23 | 3.22 | N48°59'10"W |
| 106 | 23.00 | 7.85 | 7.81 | N49°30'30"W |
| 107 | 23.00 | 8.16 | 8.12 | N69°27'15"W |
| 108 | 23.00 | 7.70 | 7.67 | N89°13'00"W |
| 109 | 23.00 | 7.70 | 7.67 | N71°35'30"E |
| 110 | 23.00 | 7.70 | 7.67 | N52°24'00"E |
| 111 | 23.00 | 7.95 | 7.91 | N32°53'50"E |
| 112 | 23.00 | 8.82 | 8.77 | N12°00'15"E |
| 112 | 10.00 | 3.04 | 3.03 | N09°44'00"E |
| 113 | 10.00 | 1.26 | 1.25 | N22°02'35"E |
| GRACE CRES. | 100.00 | 26.01 | 25.93 | N31°57'10"W |

UTM COORDINATE

| NORTHING | EASTING |
|----------------|------------|
| A 49911566.898 | 608061.850 |

RUDY MAK SURVEYING LTD.
 ONTARIO LAND SURVEYOR

64 CEDAR POINTE DRIVE, UNIT 140B
 BARRIE, ONTARIO L4N 5R7
 722-3845

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

51M-672

C:\SIB01\AS-5849SB.dwg Mon Jan 17 15:14:03 2000



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: _____

Searched at: Barrie
 LRO #: 51

PIN #: 58737-1078 (LT)

| 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 |

CHAIN OF TITLE REPORT

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

Searched at: Barrie
 LRO #: 51

PIN #: 58737-1078 (LT)

| 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

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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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

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

| Database | Name | Searched | Project Property | Boundary to 0.30km | Total |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| IAFT | <i>Indian & Northern Affairs Fuel Tanks</i> | Y | 0 | 0 | 0 |
| INC | <i>Fuel Oil Spills and Leaks</i> | Y | 0 | 2 | 2 |
| LIMO | <i>Landfill Inventory Management Ontario</i> | Y | 0 | 0 | 0 |
| MINE | <i>Canadian Mine Locations</i> | Y | 0 | 0 | 0 |
| MNR | <i>Mineral Occurrences</i> | Y | 0 | 0 | 0 |
| NATE | <i>National Analysis of Trends in Emergencies System (NATES)</i> | Y | 0 | 0 | 0 |
| NCPL | <i>Non-Compliance Reports</i> | Y | 0 | 0 | 0 |
| NDFT | <i>National Defense & Canadian Forces Fuel Tanks</i> | Y | 0 | 0 | 0 |
| NDSP | <i>National Defense & Canadian Forces Spills</i> | Y | 0 | 0 | 0 |
| NDWD | <i>National Defence & Canadian Forces Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| NEBI | <i>National Energy Board Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| NEBP | <i>National Energy Board Wells</i> | Y | 0 | 0 | 0 |
| NEES | <i>National Environmental Emergencies System (NEES)</i> | Y | 0 | 0 | 0 |
| NPCB | <i>National PCB Inventory</i> | Y | 0 | 0 | 0 |
| NPR2 | <i>National Pollutant Release Inventory 1993-2020</i> | Y | 0 | 0 | 0 |
| NPRI | <i>National Pollutant Release Inventory - Historic</i> | Y | 0 | 0 | 0 |
| OGWE | <i>Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OOGW | <i>Ontario Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OPCB | <i>Inventory of PCB Storage Sites</i> | Y | 0 | 0 | 0 |
| ORD | <i>Orders</i> | Y | 0 | 0 | 0 |
| PAP | <i>Canadian Pulp and Paper</i> | Y | 0 | 0 | 0 |
| PCFT | <i>Parks Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PES | <i>Pesticide Register</i> | Y | 0 | 8 | 8 |
| PFCH | <i>NPRI Reporters - PFAS Substances</i> | Y | 0 | 0 | 0 |
| PFHA | <i>Potential PFAS Handlers from NPRI</i> | Y | 0 | 0 | 0 |
| PINC | <i>Pipeline Incidents</i> | Y | 0 | 2 | 2 |
| PRT | <i>Private and Retail Fuel Storage Tanks</i> | Y | 0 | 3 | 3 |
| PTTW | <i>Permit to Take Water</i> | Y | 0 | 0 | 0 |
| REC | <i>Ontario Regulation 347 Waste Receivers Summary</i> | Y | 0 | 0 | 0 |
| RSC | <i>Record of Site Condition</i> | Y | 0 | 0 | 0 |
| RST | <i>Retail Fuel Storage Tanks</i> | Y | 0 | 1 | 1 |
| SCT | <i>Scott's Manufacturing Directory</i> | Y | 0 | 0 | 0 |
| SPL | <i>Ontario Spills</i> | Y | 0 | 28 | 28 |
| SRDS | <i>Wastewater Discharger Registration Database</i> | Y | 0 | 0 | 0 |
| TANK | <i>Anderson's Storage Tanks</i> | Y | 0 | 0 | 0 |
| TCFT | <i>Transport Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| VAR | <i>Variances for Abandonment of Underground Storage Tanks</i> | Y | 0 | 0 | 0 |
| WDS | <i>Waste Disposal Sites - MOE CA Inventory</i> | Y | 0 | 0 | 0 |
| WDSH | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y | 0 | 0 | 0 |
| WWIS | <i>Water Well Information System</i> | Y | 0 | 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

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

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

| <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> |
|--------------------|-----------|--------------------------------|---|---------------------|----------------------|--------------------|
| 13 | SPL | Neelands Refrigeration Limited | 620 Yonge St. Barrie ON | WNW/183.7 | -3.00 | 70 |
| 13 | SPL | Neelands Refrigeration Limited | 620 Yonge St Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 71 |
| 13 | SPL | Neelands Refrigeration Limited | 620 Yonge Street; 620 Yonge St Barrie; Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 72 |
| 13 | SPL | | 620 Yonge Street Barrie ON | WNW/183.7 | -3.00 | 73 |
| 13 | GEN | Loblaw Companies Limited | 620 Yonge St. Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 73 |
| 13 | GEN | Loblaw Companies Limited | 620 Yonge St. Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 74 |
| 13 | GEN | LOBLAWS INC. | 620 Yonge St. Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 75 |
| 13 | PES | ZEHR'S MARKETS | 620 YONGE ST BARRIE ON L4N4E6 | WNW/183.7 | -3.00 | 76 |
| 13 | SPL | | 620 Yonge Street Barrie ON | WNW/183.7 | -3.00 | 77 |
| 13 | SPL | Loblaw Companies Limited | 620 Yonge St Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 77 |
| 13 | GEN | LOBLAWS INC. | 620 Yonge St. Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 78 |
| 13 | SPL | Loblaw Companies Limited | 620 Young St Barrie ON | WNW/183.7 | -3.00 | 80 |
| 13 | GEN | LOBLAWS INC. | 620 Yonge St. Barrie ON L4N 4E6 | WNW/183.7 | -3.00 | 80 |

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

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

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

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

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

| <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> |
|--------------------|-----------|---------------------------------------|--|---------------------|----------------------|---------------------|
| 25 | GEN | Suncor Energy Products | 623 Yonge Street Barrie ON L4N4E4 | NNW/216.7 | 1.03 | 131 |
| 25 | GEN | Suncor Energy Products | 623 Yonge Street Barrie ON L4N4E4 | NNW/216.7 | 1.03 | 132 |
| 25 | GEN | Suncor Energy Products Partnership | 623 Yonge Street Barrie ON L4N4E7 | NNW/216.7 | 1.03 | 132 |
| 25 | INC | SIMSAK CORPORATION | 623 YONGE ST,,BARRIE,ON,L4N 4E7,CA ON | NNW/216.7 | 1.03 | 133 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 133 |
| 25 | DTNK | | 623 YONGE ST BARRIE ON L4N 4E7 | NNW/216.7 | 1.03 | 134 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 134 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 135 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 135 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 136 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 136 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 137 |
| 25 | FST | SIMSAK CORPORATION | 623 YONGE ST BARRIE L4N 4E7 ON CA ON | NNW/216.7 | 1.03 | 137 |

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

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

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

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

| <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> |
|--------------------|-----------|---------------------------------------|--|---------------------|----------------------|---------------------|
| 55 | ECA | The Corporation of the City of Barrie | 440-484 Big Bay Point Rd. Barrie ON L4M 4T5 | NW/295.6 | -0.97 | 211 |
| 56 | GEN | 600 Yonge Developments, Inc. | 600 Yonge Street Barrie ON L4N4E4 | NW/295.6 | -0.97 | 212 |
| 56 | GEN | 600 Yonge Developments, Inc. | 600 Yonge Street Barrie ON L4N4E4 | NW/295.6 | -0.97 | 212 |
| 56 | GEN | 600 Yonge Developments, Inc. | 600 Yonge Street Barrie ON L4N4E4 | NW/295.6 | -0.97 | 212 |
| 56 | GEN | 600 Yonge Developments Inc. | 600 Yonge Street Barrie ON L4N4E4 | NW/295.6 | -0.97 | 213 |
| 56 | GEN | 600 Yonge Developments, Inc. | 600 Yonge Street Barrie ON L4N4E4 | NW/295.6 | -0.97 | 213 |
| 56 | GEN | 600 Yonge Developments, Inc. | 600 Yonge Street Barrie ON L4N4E4 | NW/295.6 | -0.97 | 213 |
| 57 | HINC | | 533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | NE/297.9 | 3.31 | 214 |
| 57 | HINC | | 533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | NE/297.9 | 3.31 | 214 |
| 58 | EHS | | 494 Big Bay Point Rd Barrie ON L4N3Z5 | NNW/298.3 | 0.31 | 215 |
| 58 | SPL | | 494 Big Bay Point Road in Barrie Barrie ON | NNW/298.3 | 0.31 | 215 |
| 58 | EHS | | 494 Big Bay Point Road Barrie ON L4N 4E5 | NNW/298.3 | 0.31 | 216 |
| 58 | EHS | | 494 Big Bay Point Road Barrie ON L4N 4E5 | NNW/298.3 | 0.31 | 216 |

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

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> |

| Site | Address | Distance (m) | Map Key |
|---------------------|---|---------------------|--------------------|
| SIMSAK CORPORATION | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| SIMSAK CORPORATION | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| SIMSAK CORPORATION | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| SIMSAK CORPORATION | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| SIMSAK CORPORATION | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| 1255545 ONTARIO LTD | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| 1255545 ONTARIO LTD | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| 1255545 ONTARIO LTD | 623 YONGE ST BARRIE ON | 216.7 | 24 |
| 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 |

| <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 | 48 |
| | 531 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | 295.2 | 54 |
| | 533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | 297.9 | 57 |
| | 533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | 297.9 | 57 |
| | 516 BIG BAY POINT ROAD BARRIE ON L4N 3Z5 | 299.6 | 61 |

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 | 25 |
| | 623 YONGE STREET, BARRIE ON | 216.7 | 25 |

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> |
|--|-----------------------------------|---------------------|--------------------|
| ZEHRS MARKETS, A DIVISION OF ZEHRMART INC | 620 YONGE ST BARRIE ON L4N 4E6 | 183.7 | 13 |

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

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 | 5 |
| ENBRIDGE GAS INC | 70 MADELAINE DR.,BARRIE,ON,L4N 9T2, CA ON | 276.1 | 45 |

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 | 45 |
| | 494 Big Bay Point Road in Barrie Barrie ON | 298.3 | 58 |

WWIS - Water Well Information System

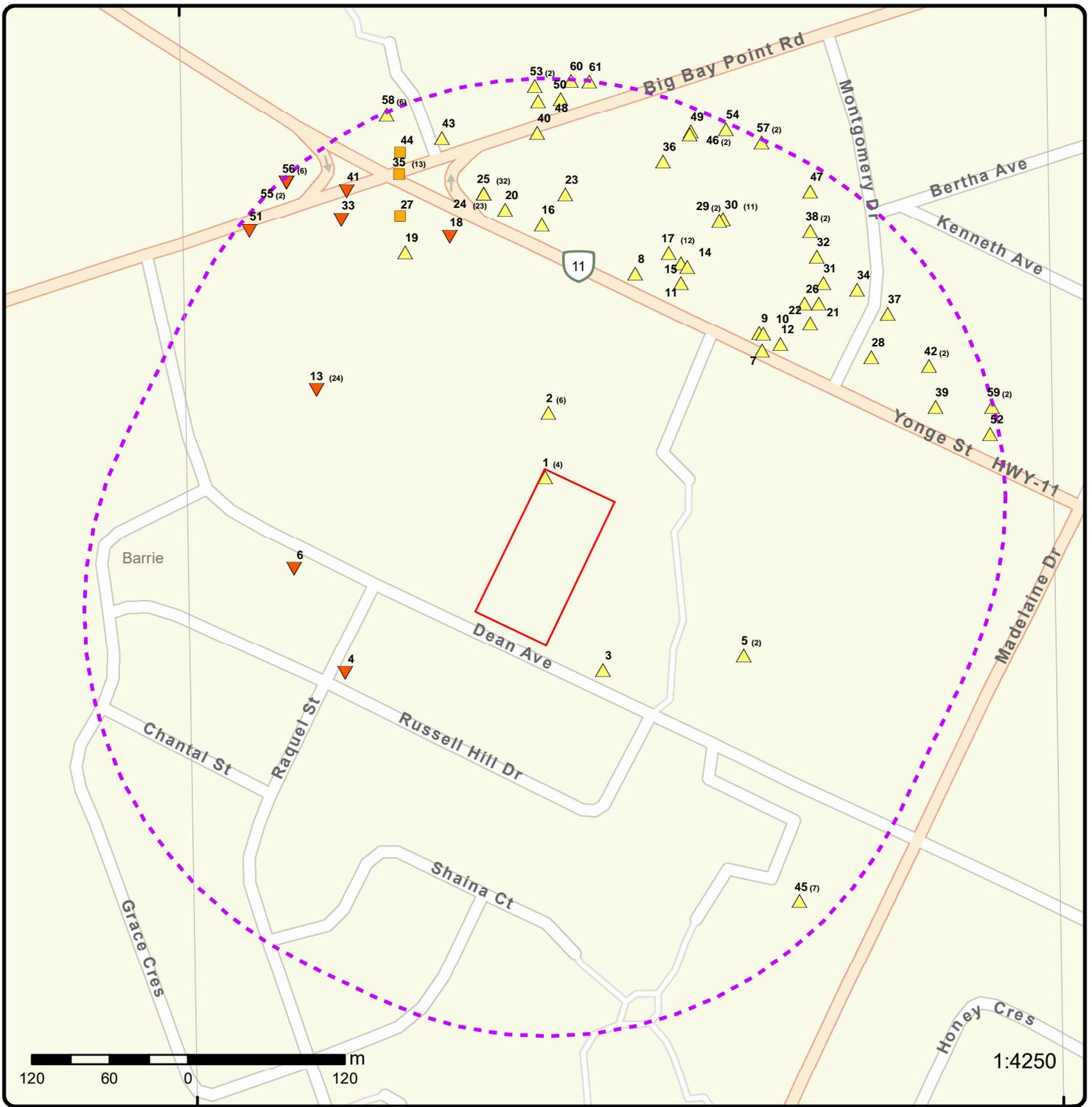
A search of the WWIS database, dated Mar 31 2023 has found that there are 32 WWIS site(s) within approximately 0.30 kilometers of the project property.

| <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 | 7 |
| | lot 13 con 12 ON <i>Well ID: 5701468</i> | 172.4 | 10 |
| | ON <i>Well ID: 5739673</i> | 173.8 | 11 |
| | lot 13 con 12 ON <i>Well ID: 5701464</i> | 175.6 | 12 |
| | 649 YONGE ST. BARRIE ON <i>Well ID: 5739886</i> | 186.8 | 14 |
| | 648 YONGE ST Barrie ON <i>Well ID: 7143472</i> | 187.3 | 15 |
| | 644 YONGE ST Barrie ON <i>Well ID: 7228528</i> | 192.3 | 18 |
| | lot 13 con 12 ON | 201.3 | 20 |

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

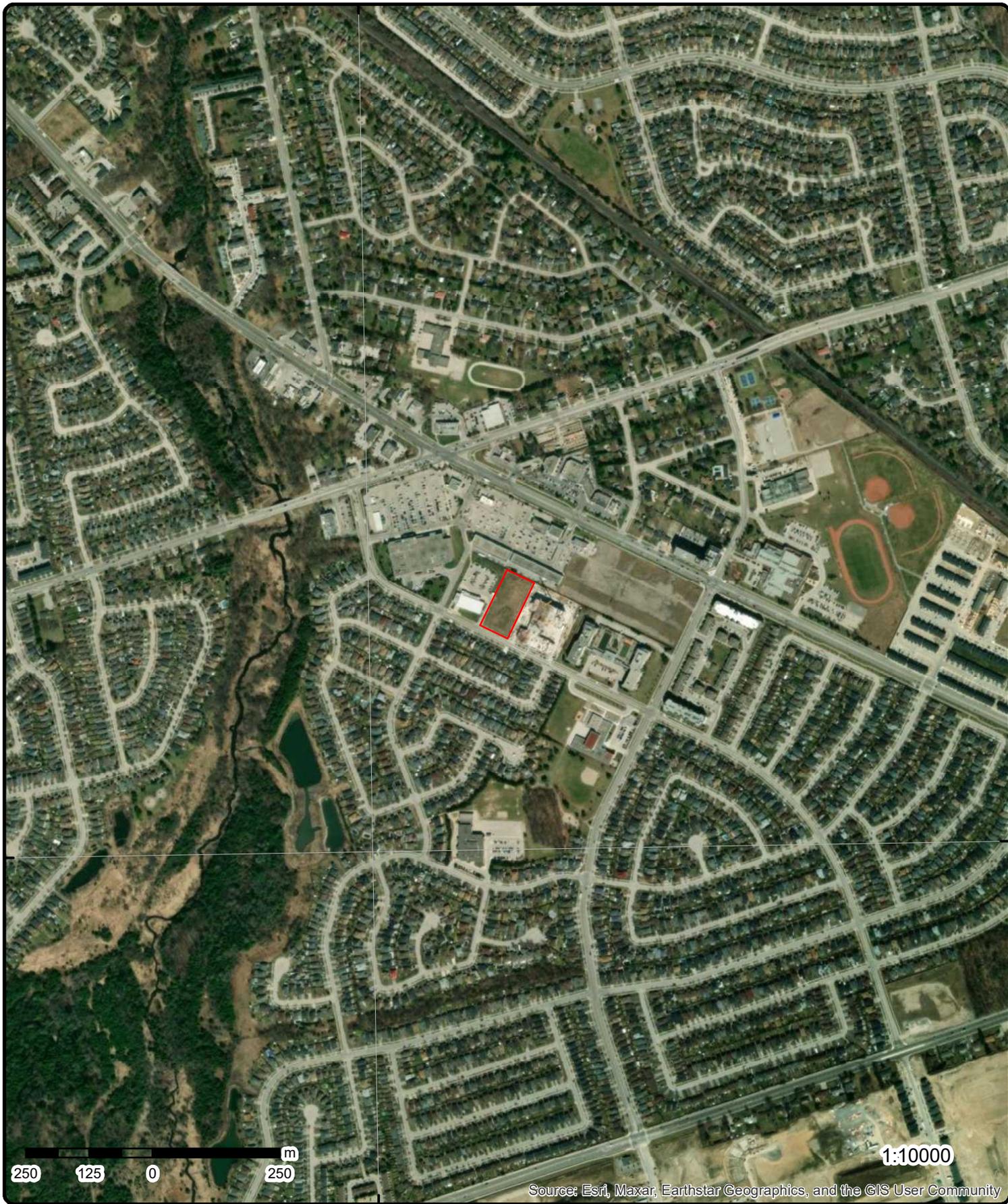


Map: 0.3 Kilometer Radius

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 | Park (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 | |



Aerial Year: 2023

Order Number: 23101100099

Address: 48 Dean Ave, Barrie, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 48 Dean Ave, ON

Source: ESRI World Topographic Map

Order Number: 23101100099



© 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 As of Jul 2020 Canada Registered | | | |
| <u>Detail(s)</u> | | | | | |
| 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 As of Nov 2021 Canada Registered | | | |
| <u>Detail(s)</u> | | | | | |
| 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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

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:

Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

| | | | | | |
|-------------------|--------|-------|--------------|---|-----|
| 1 | 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:

Detail(s)

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

| | | | | | |
|-------------------|--------|--------|--------------|---|-----|
| 2 | 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:
MHSW Facility: No

Detail(s)

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|--|-----|
| Waste Class: | | 312 | | | |
| Waste Class Name: | | PATHOLOGICAL WASTES | | | |
| 2 | 2 of 6 | N/43.7 | 249.9 / 0.03 | Dr. Steve Change Dentistry Professional Corporation 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 Corporation 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: | | 312 P | | | |
| Waste Class Name: | | 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: | | ON7999423 | | | |
| 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: | | 312 P | | | |
| Waste Class Name: | | 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: | | ON7999423 | | | |
| 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: | | 312 P | | | |
| Waste Class Name: | | PATHOLOGICAL WASTES | | | |
| 3 | 1 of 1 | SE/47.4 | 251.9 / 2.06 | 70 Dean Ave Barrie ON L4N0C2 | EHS |
| Order No: | | 20130726010 | | Nearest Intersection: | |
| Status: | | C | | Municipality: City of Barrie | |
| Report Type: | | Standard Select Report | | Client Prov/State: ON | |
| Report Date: | | 06-AUG-13 | | Search Radius (km): .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 | | | | |

| | | | | | |
|--------------------------------------|---|------------------|----------------------|--|-----------------------|
| <u>4</u> | 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 | | | | |

| | | | | | |
|----------------|-------------|------------------|---------------------|---|------------|
| <u>5</u> | 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 | | | Discharger Report: | |
| MOE Response: | No Field Response | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | |
| MOE Reported Dt: | 11/9/2011 | | | Agency Involved: | |
| 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: | | | | | |

[5](#) 2 of 2 ESE/140.2 254.9 / 5.00 90 Dean Avenue, Barrie ON PINC

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

| 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 | Municipality No: | |
| Year: | | Nature of Damage: | |
| Incident Dt: | | Discharger Report: | |
| MOE Response: | No Field Response | Material Group: | |
| Dt MOE Arvl on Scn: | | Health/Env Conseq: | |
| MOE Reported Dt: | 4/10/2009 | Agency Involved: | |
| 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 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\5701461.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/02/1958
Year Completed: 1958
Depth (m): 4.572
Latitude: 44.3557597878068
Longitude: -79.6444670633953
Path: 570\5701461.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| 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: | | | |

**Overburden and Bedrock
Materials Interval**

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 | | Tag No: | |
| Depth M: | | 4.572 | | Contractor: | 1510 |
| Year Completed: | | 1958 | | Latitude: | 44.3557597878068 |
| Well Completed Dt: | | 10/02/1958 | | Longitude: | -79.6444670633953 |
| Audit No: | | | | Y: | 44.35575978661845 |
| Path: | | 570\5701461.pdf | | X: | -79.64446691019404 |

| | | | | | |
|---------------------------------|-----------------------|-----------|--------------|---------------------------------------|------|
| <u>8</u> | 1 of 1 | NNE/165.4 | 250.8 / 0.92 | 641 Yonge Street Barrie ON L4N 4E7 | EHS |
| Order No: | 20020614007w | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Online Mapless Report | | | Client Prov/State: | ON |
| 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: | | | | | |

| | | | | | |
|---------------------|-----------------------|----------|--------------|-------------------------------|-----|
| <u>9</u> | 1 of 1 | NE/170.8 | 252.9 / 3.00 | 651 Yonge Street Barrie ON | EHS |
| Order No: | 20020614009w | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Online Mapless Report | | | 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 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\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:

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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

**Method of Construction & Well
Use**

Method Construction ID: 965701464
 Method Construction Code: 6
 Method Construction: Boring
 Other Method Construction:

Pipe Information

Pipe ID: 10927927
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Results of Well Yield Testing

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

Water Details

Water ID: 933860820
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 15.0
Water Found Depth UOM: ft

Links

| | | | |
|---------------------------|-----------------|--------------------|--------------------|
| 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 | ZEHRS 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 | ZEHRS 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: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Equipment Failure Incident Summary: Zehr's: 547.2 kg freon (R507) to atm. Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Air Spills - Gases and Vapours Source Type: | | | | | |

| | | | | | |
|--|---------|-----------|---------------|--|-----|
| 13 | 6 of 24 | WNW/183.7 | 246.9 / -3.00 | Neelands Refrigeration Limited 620 Yonge St. Barrie ON | SPL |
| Ref No: 1508-9BQU9Q Year: Incident Dt: 2013/09/20 MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 2013/09/20 Dt Document Closed: 2013/09/25 Site No: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Zehrs Store #565<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: 184 kg System Facility Address: Client Name: Neelands Refrigeration Limited Client Type: Call Report Location Geodata: Contaminant Code: 38 Contaminant Name: FREON R-502 (CFC) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Receiving Environment: Incident Reason: Material Failure - Poor Design/Substandard Material Incident Summary: Zehrs: R-507A 184 kg to atmosphere Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Pipeline/Components SAC Action Class: Air Spills - Gases and Vapours Source Type: | | | | | |

| 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 |
| Ref No: | 6077-9JYM9Q | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 2014/05/10 | | | Discharger Report: | |
| MOE Response: | No Field Response | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | |
| MOE Reported Dt: | 2014/05/10 | | | Agency Involved: | |
| 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: | | | | | |
| Northing: | | | | | |
| 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: | | | | | |

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

| 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: | | | | | |

| 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 |
| Ref No: | 1652-A9WRED | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 2016/05/13 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | |
| MOE Reported Dt: | 2016/05/13 | | | Agency Involved: | |
| 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: | | | | | |

| | | | | | |
|-------------------------|--|-----------|---------------|--|-----|
| 13 | 13 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: | 2016 | | | | |
| PO Box No: | | | | | |
| Country: | Canada | | | | |
| Status: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--|--------------------------|---|------------|
| Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | Craig Hudak CO_OFFICIAL 9055957544 Ext. No 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:

Detail(s)

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> |
|---|--------------------------|---|----------------------|-------------|-----------|
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 261 A Pharmaceuticals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 261 B Pharmaceuticals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 261 I Pharmaceuticals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 261 L Pharmaceuticals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 262 C Detergents and soaps | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 263 A Misc. waste organic chemicals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 263 C Misc. waste organic chemicals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 263 L Misc. waste organic chemicals | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 269 L Organic non-halogenated pesticide and herbicide wastes | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 269 T Organic non-halogenated pesticide and herbicide wastes | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 312 P Pathological wastes | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 331 I Waste compressed gases including cylinders | | | |
| <i>Waste Class:</i> <i>Waste Class Name:</i> | | 331 L Waste compressed gases including cylinders | | | |

[13](#)

16 of 24

WNW/183.7

246.9 / -3.00

**ZEHR'S MARKETS
620 YONGE ST
BARRIE ON L4N4E6**

PES

Detail Licence No:

Licence No: 18397

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: 7352390

Operator Ext:

Operator Lot:

Oper Concession:

Operator Region:

Operator District:

Operator County:

Op Municipality:

Post Office Box:

MOE District:

SWP Area Name:

| 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 |
| Ref No: | 0770-APAPUL | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 7/15/2017 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | 2 - Minor Environment |
| MOE Reported Dt: | 7/15/2017 | | | Agency Involved: | |
| 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 | | | | |

| | | | | | |
|------------------------------|------------------|-----------|---------------|---|------------------------|
| 13 | 18 of 24 | WNW/183.7 | 246.9 / -3.00 | Loblaw Companies Limited 620 Yonge St Barrie ON L4N 4E6 | SPL |
| Ref No: | 7421-B8JU9H | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 2019/01/17 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | 4 - Medium Environment |
| MOE Reported Dt: | 2019/01/18 | | | Agency Involved: | |
| Dt Document Closed: | 2019/01/24 | | | | |
| Site No: | 1765-869PL5 | | | | |
| Site County/District: | County of Simcoe | | | | |
| Site Geo Ref Meth: | NA | | | | |

| 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 | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 3/7/2019 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | 2 - Minor Environment |
| MOE Reported Dt: | 3/7/2019 | | | Agency Involved: | |
| 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 | | | | |

| | | | | | |
|-------------------------|----------------|-----------|---------------|--|-----|
| 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 |
|---|--------------------------|---|--------------------------|-------------|-----------|
| Waste Class: Waste Class Name: | | 122 C Alkaline slutions - containing other metals and non-metals (not cyanide) | | | |
| Waste Class: Waste Class Name: | | 261 L Pharmaceuticals | | | |
| Waste Class: Waste Class Name: | | 312 P Pathological wastes | | | |
| Waste Class: Waste Class Name: | | 145 I Wastes from the use of pigments, coatings and paints | | | |
| Waste Class: Waste Class Name: | | 261 A Pharmaceuticals | | | |
| Waste Class: Waste Class Name: | | 212 I Aliphatic solvents and residues | | | |

| | | | | | |
|--------------------------------------|------------------------------|-----------|---------------|---|-----------------------|
| 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:

Detail(s)

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

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|---|--------------------------|-------------|-----------|
| 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: | | | | | |
| Northing: | | | | | |
| 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:

Construction Record - Casing

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

Construction Record - Screen

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

Hole Diameter

Hole ID: 11545850
Diameter: 20.0
Depth From: 0.0
Depth To: 8.229999542236328
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

| | |
|--------------------------------------|-------------------------------------|
| 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 |

| <u>15</u> | 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 Reliability: | | | | 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: Static Water Level: Clear/Cloudy: Municipality: Site Info: | | BARRIE CITY | | Northing NAD83: Zone: UTM Reliability: | |
| 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: Year Completed: Depth (m): Latitude: Longitude: Path: | | 11/10/2009 2009 6.096 44.3563721046313 -79.6452359476215 714\7143472.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: | 1002958950 | | | Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: | 17 607965.00 4912348.00 UTM83 4 margin of error : 30 m - 100 m wwr |
| Loc Method Desc: | | on Water Well Record | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: | 1003113161 | 3 | | | |
| Formation Top Depth: | | 7.0 | | | |
| Formation End Depth: | | 16.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: Layer: Color: General Color: Mat1: Most Common Material: | 1003113162 | 4 | | | |

| 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 | | | |

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

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------------------------|-------------------|----------------------------|------------------|-------------------|--------------------|
| Well Completed Dt: | 11/10/2009 | | | Longitude: | -79.6452359476215 |
| Audit No: | Z117461 | | | Y: | 44.356372104004365 |
| Path: | 714\7143472.pdf | | | X: | -79.64523579590885 |

| | | | | | |
|---------------------------|--|----------------|---------------------|--|------------|
| <u>16</u> | 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: | | | | | |

| | | | | | |
|---------------------------|------------|------------------|---------------------|--|------------|
| <u>17</u> | 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 | | | | |

| | | | | | |
|---------------------------------|-----------------------|------------------|---------------------|---|------------|
| <u>17</u> | 2 of 12 | NNE/190.4 | 251.9 / 2.00 | 647 Yonge Street Barrie ON L4N 4E7 | EHS |
| Order No: | 20020614008w | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Online Mapless Report | | | Client Prov/State: | ON |
| 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: | | | | | |

| | | | | | |
|---------------------------|---------|------------------|---------------------|--|-------------|
| <u>17</u> | 3 of 12 | NNE/190.4 | 251.9 / 2.00 | TAURUS FUELS INC 647 YONGE ST S BARRIE ON P3E 3Z7 | DTNK |
|---------------------------|---------|------------------|---------------------|--|-------------|

**Delisted Expired Fuel Safety
Facilities**

| | | | |
|------------------------------|-------------|-----------------------------|-----------------|
| Instance No: | 9826390 | Expired Date: | 10/6/2009 11:03 |
| 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: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------------|-------------------|-------------------------|---------------|----------------------|----|
| Instance ID: | 28470 | | | 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 | | | |

| | | | | | |
|--------------------|---------|-----------|--------------|---|------|
| 17 | 6 of 12 | NNE/190.4 | 251.9 / 2.00 | TAURUS FUELS INC 647 YONGE ST S BARRIE ON | DTNK |
|--------------------|---------|-----------|--------------|---|------|

Delisted Expired Fuel Safety Facilities

| | | | | | |
|------------------------------|-----------|-----------|--|----------------------|--|
| Instance No: | 10558850 | | | Expired Date: | |
| Status: | EXPIRED | | | Max Hazard Rank: | |
| Instance ID: | 29023 | | | 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 | | | |

| 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

Delisted Expired Fuel Safety Facilities

| | | | |
|-------------------------------------|---------------------|-----------------------------|-------------------------------------|
| Instance No: | 10558830 | 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 1:19:44 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](#) 8 of 12 NNE/190.4 251.9 / 2.00 TAURUS FUELS INC 647 YONGE ST S BARRIE P3E 3Z7 ON CA ON DTNK

Delisted Expired Fuel Safety Facilities

| | | | |
|------------------------------|---------------------|-----------------------------|-------------------------------------|
| Instance No: | 10558790 | 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 1:19:49 AM | Tank Underground: | |

| 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: | 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

18 1 of 1 **NNW/192.3** **249.8 / -0.05** **644 YONGE ST
Barrie ON** **WWIS**

| | | | |
|-----------------------------|--------------------------|---------------------------|------------|
| Well ID: | 7228528 | 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: | Z195668 | Contractor: | 7241 |
| Tag: | A163146 | 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: | | | |

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 08/29/2014
Year Completed: 2014
Depth (m): 6.096
Latitude: 44.3565784313557
Longitude: -79.6474522182575
Path:

Bore Hole Information

| | | | |
|------------------------|------------|-------------------|------------|
| Bore Hole ID: | 1005144280 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 17 |
| Code OB: | | East83: | 607788.00 |
| Code OB Desc: | | North83: | 4912368.00 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|-------------------------|--------------------------------|
| 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: | | | | | |

Overburden and Bedrock
Materials Interval

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

Overburden and Bedrock
Materials Interval

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

Overburden and Bedrock
Materials Interval

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 | | | |

Construction Record - Screen

| | |
|-----------------------------|------------|
| 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 |

Water Details

| | |
|-------------------------------|------------|
| Water ID: | 1005431273 |
| Layer: | |
| Kind Code: | |
| Kind: | |
| Water Found Depth: | |
| Water Found Depth UOM: | ft |

Hole Diameter

| | |
|---------------------------|------------|
| Hole ID: | 1005431272 |
| Diameter: | 6.0 |
| Depth From: | 0.0 |
| Depth To: | 20.0 |
| Hole Depth UOM: | ft |
| Hole Diameter UOM: | inch |

Links

| | | | |
|---------------------------|-----------------|--------------------|--------------------|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------|---------------------|------|-----------------------------|------------|------------------------|------|---------------------------|---------|-----------------------|-----------------|------------------------|-------------------|---------------------------|-----------------|-----------------|---|------------------|-----------|---------------------------|--------------|-----------------------|------------|--------------------|--|-----------------------|------|-------------------------|--|-------------------------|---|------------------------|------------|--------------------|-------------|-----------------|--|-------------------------|----|---------------------------|--|---------------|--|-----------------------|--|----------------|--------|------------------------------|--|-------------|-----|-------------------------------------|--|--------------------|----|-------------------------------------|--|-------------------------|-----|---------------------------------|--|-----------------------|--|--------------------------|--|------------------------|--|----------------------------|--|--------------|--|----------------------|--|-------------------------|--|----------------------|-------------------|--|--|-------------------|--|--|--|
| 20 | 1 of 1 | N/201.3 | 250.8 / 0.91 | lot 13 con 12 ON | WWIS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Well ID:</td> <td>5701460</td> <td>Flowing (Y/N):</td> <td></td> </tr> <tr> <td>Construction Date:</td> <td></td> <td>Flow Rate:</td> <td></td> </tr> <tr> <td>Use 1st:</td> <td>Domestic</td> <td>Data Entry Status:</td> <td></td> </tr> <tr> <td>Use 2nd:</td> <td>0</td> <td>Data Src:</td> <td>1</td> </tr> <tr> <td>Final Well Status:</td> <td>Water Supply</td> <td>Date Received:</td> <td>10/23/1956</td> </tr> <tr> <td>Water Type:</td> <td></td> <td>Selected Flag:</td> <td>TRUE</td> </tr> <tr> <td>Casing Material:</td> <td></td> <td>Abandonment Rec:</td> <td></td> </tr> <tr> <td>Audit No:</td> <td></td> <td>Contractor:</td> <td>1637</td> </tr> <tr> <td>Tag:</td> <td></td> <td>Form Version:</td> <td>1</td> </tr> <tr> <td>Constructn Method:</td> <td></td> <td>Owner:</td> <td></td> </tr> <tr> <td>Elevation (m):</td> <td></td> <td>County:</td> <td>SIMCOE</td> </tr> <tr> <td>Elevatn Reliabilty:</td> <td></td> <td>Lot:</td> <td>013</td> </tr> <tr> <td>Depth to Bedrock:</td> <td></td> <td>Concession:</td> <td>12</td> </tr> <tr> <td>Well Depth:</td> <td></td> <td>Concession Name:</td> <td>CON</td> </tr> <tr> <td>Overburden/Bedrock:</td> <td></td> <td>Easting NAD83:</td> <td></td> </tr> <tr> <td>Pump Rate:</td> <td></td> <td>Northing NAD83:</td> <td></td> </tr> <tr> <td>Static Water Level:</td> <td></td> <td>Zone:</td> <td></td> </tr> <tr> <td>Clear/Cloudy:</td> <td></td> <td>UTM Reliability:</td> <td></td> </tr> <tr> <td>Municipality:</td> <td>INNISFIL TOWNSHIP</td> <td></td> <td></td> </tr> <tr> <td>Site Info:</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Well ID: | 5701460 | 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: | 10/23/1956 | Water Type: | | Selected Flag: | TRUE | Casing Material: | | Abandonment Rec: | | Audit No: | | Contractor: | 1637 | 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: | | | |
| Well ID: | 5701460 | 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: | 10/23/1956 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Type: | | Selected Flag: | TRUE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casing Material: | | Abandonment Rec: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Audit No: | | Contractor: | 1637 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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\5701460.pdf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Well Completed Date:</td> <td>08/08/1956</td> </tr> <tr> <td>Year Completed:</td> <td>1956</td> </tr> <tr> <td>Depth (m):</td> <td>14.6304</td> </tr> <tr> <td>Latitude:</td> <td>44.356761139849</td> </tr> <tr> <td>Longitude:</td> <td>-79.6469159707399</td> </tr> <tr> <td>Path:</td> <td>570\5701460.pdf</td> </tr> </table> | | | | | | Well Completed Date: | 08/08/1956 | Year Completed: | 1956 | Depth (m): | 14.6304 | Latitude: | 44.356761139849 | Longitude: | -79.6469159707399 | Path: | 570\5701460.pdf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Well Completed Date: | 08/08/1956 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Completed: | 1956 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Depth (m): | 14.6304 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Latitude: | 44.356761139849 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Longitude: | -79.6469159707399 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <u>Bore Hole Information</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Bore Hole ID:</td> <td>10379353</td> <td>Elevation:</td> <td></td> </tr> <tr> <td>DP2BR:</td> <td></td> <td>Elevrc:</td> <td></td> </tr> <tr> <td>Spatial Status:</td> <td></td> <td>Zone:</td> <td>17</td> </tr> <tr> <td>Code OB:</td> <td></td> <td>East83:</td> <td>607830.40</td> </tr> <tr> <td>Code OB Desc:</td> <td></td> <td>North83:</td> <td>4912389.00</td> </tr> <tr> <td>Open Hole:</td> <td></td> <td>Org CS:</td> <td></td> </tr> <tr> <td>Cluster Kind:</td> <td></td> <td>UTMRC:</td> <td>9</td> </tr> <tr> <td>Date Completed:</td> <td>08/08/1956</td> <td>UTMRC Desc:</td> <td>unknown UTM</td> </tr> <tr> <td>Remarks:</td> <td></td> <td>Location Method:</td> <td>p9</td> </tr> <tr> <td>Loc Method Desc:</td> <td>Original Pre1985 UTM Rel Code 9: unknown UTM</td> <td></td> <td></td> </tr> <tr> <td>Elevrc Desc:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Location Source Date:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Improvement Location Source:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Improvement Location Method:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Source Revision Comment:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Supplier Comment:</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Bore Hole ID: | 10379353 | Elevation: | | DP2BR: | | Elevrc: | | Spatial Status: | | Zone: | 17 | Code OB: | | East83: | 607830.40 | Code OB Desc: | | North83: | 4912389.00 | Open Hole: | | Org CS: | | Cluster Kind: | | UTMRC: | 9 | Date Completed: | 08/08/1956 | UTMRC Desc: | unknown UTM | Remarks: | | Location Method: | p9 | Loc Method Desc: | Original Pre1985 UTM Rel Code 9: unknown UTM | | | Elevrc Desc: | | | | Location Source Date: | | | | Improvement Location Source: | | | | Improvement Location Method: | | | | Source Revision Comment: | | | | Supplier Comment: | | | | | | | | | | | | | | | | | | | |
| Bore Hole ID: | 10379353 | Elevation: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DP2BR: | | Elevrc: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spatial Status: | | Zone: | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code OB: | | East83: | 607830.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code OB Desc: | | North83: | 4912389.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Open Hole: | | Org CS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cluster Kind: | | UTMRC: | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Completed: | 08/08/1956 | UTMRC Desc: | unknown UTM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks: | | Location Method: | p9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Loc Method Desc: | Original Pre1985 UTM Rel Code 9: unknown UTM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Formation ID:</td> <td>932261191</td> </tr> <tr> <td>Layer:</td> <td>1</td> </tr> <tr> <td>Color:</td> <td></td> </tr> <tr> <td>General Color:</td> <td></td> </tr> </table> | | | | | | Formation ID: | 932261191 | Layer: | 1 | Color: | | General Color: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Formation ID: | 932261191 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Layer: | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Color: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Color: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 |
|------------------------|-------------------|----------------------------|------------------|------|----|
| 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 | | | |

Results of Well Yield Testing

| | |
|------------------------------|-----------|
| 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 |

Water Details

| | |
|------------------------|-----------|
| Water ID: | 933860817 |
| Layer: | 1 |
| Kind Code: | 1 |
| Kind: | FRESH |
| Water Found Depth: | 46.0 |
| Water Found Depth UOM: | ft |

Links

| | | | |
|--------------------|-----------------|-------------|--------------------|
| 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 |

| 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

Additional Detail(s) (Map)

Well Completed Date: 11/08/1967
Year Completed: 1967
Depth (m): 13.716
Latitude: 44.3559432866151
Longitude: -79.6439985552778
Path: 570\5701473.pdf

Bore Hole Information

| | | | |
|------------------------------|--|------------------|---------------------------------|
| 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: | | | |

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID: 932261227
Layer: 2
Color: 5

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| 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 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 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 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 | | | |

| <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> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <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: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: | | 1 1 FRESH 41.0 ft | | | |
| Links | | | | | |
| Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path: | | 10379366 13.716 1967 11/08/1967 570\5701473.pdf | | Tag No: Contractor: Latitude: Longitude: Y: X: | 2514 44.3559432866151 -79.6439985552778 44.35594328560639 -79.64399840207567 |
| 22 | 1 of 1 | NE/210.8 | 254.0 / 4.15 | 657 Yonge Street Barrie ON | EHS |
| Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered: | | 20020614011w C Online Mapless Report 6/14/02 6/14/02 | | Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: | ON 0.25 0 0 |
| 23 | 1 of 1 | N/211.6 | 251.6 / 1.69 | lot 13 con 12 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: | | 5701472 Domestic 0 Water Supply | | 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: | 1 08/29/1967 TRUE 2514 1 SIMCOE 013 12 CON |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701472.pdf | | | |
| Additional Detail(s) (Map) | | | | | |
| Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path: | | 06/15/1967 1967 18.8976 44.3568623066405 -79.6463364238093 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 | | | | |

| <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> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| 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: Pumping Duration HR: Pumping Duration MIN: Flowing: | | 1 1 30 No | | | |
| Water Details | | | | | |
| Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: | | 933860828 1 1 FRESH 59.0 ft | | | |
| Links | | | | | |
| Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path: | | 10379365 18.8976 1967 06/15/1967 570\5701472.pdf | | Tag No: Contractor: Latitude: Longitude: Y: X: | 2514 623 YONGE ST LOT 13 CON 12 44.3568623066405 -79.6463364238093 44.35686230594912 -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: Type: Expiry Date: Capacity (L): Licence #: | | 1352 retail 1995-04-30 2000 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: Type: Expiry Date: Capacity (L): Licence #: | | 1352 retail 1995-08-31 122742 0024509001 | | | |
| 24 | 3 of 23 | NNW/216.7 | 250.9 / 1.03 | 623 Yonge Street Barrie ON L4N 4E7 | CA |
| Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: | | 6760-57HQQ5 02 2/20/02 Industrial sewage Approved New Certificate of Approval Petro-Canada Inc. 3275 Rebecca Street Oakville L6L 6N5 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: | | 251 | | | |
| Waste Class Name: | | 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 |
|--------------------|---------|-----------|--------------|---|------|

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: | | | |
| 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: | | | |
| 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 |
|--------------------|---------|-----------|--------------|--|------|

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: | |
| | | FS Propane Refill Cntr - Cylr Fill | | | |
| | | EXP | | | |
| | | Up to Mar 2012 | | | |

| | | | | | |
|--------------------|---------|-----------|--------------|---|------|
| 24 | 8 of 23 | NNW/216.7 | 250.9 / 1.03 | SIMSAK CORPORATION 623 YONGE ST BARRIE ON | DTNK |
|--------------------|---------|-----------|--------------|---|------|

Delisted Expired Fuel Safety Facilities

| | | | |
|-------------------------------------|----------------|-----------------------------|--|
| Instance No: | 10558893 | Expired Date: | |
| Status: | EXPIRED | Max Hazard Rank: | |
| Instance ID: | 26806 | 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 | | |

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|--------------------|---------|-----------|--------------|---|------|
| 24 | 9 of 23 | NNW/216.7 | 250.9 / 1.03 | SIMSAK CORPORATION 623 YONGE ST BARRIE ON | DTNK |
|--------------------|---------|-----------|--------------|---|------|

Delisted Expired Fuel Safety Facilities

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|------|
| <p> 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 </p> | | | | | |
| 24 | 10 of 23 | NNW/216.7 | 250.9 / 1.03 | SIMSAK CORPORATION 623 YONGE ST BARRIE ON | DTNK |

**Delisted Expired Fuel Safety
Facilities**

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|--|--|--|--|--|--|
| <p> 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: </p> | | | | | |
| <p> 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: </p> | | | | | |

| 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 |
|--------------------|----------|-----------|--------------|---|------|

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: | | | |
| 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: | | | |
| TSSA Program Area 2: | | | |
| Description: | FS Piping | | |
| Original Source: | EXP | | |
| Record Date: | Up to Mar 2012 | | |

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|--------------------|----------|-----------|--------------|---|------|
| 24 | 12 of 23 | NNW/216.7 | 250.9 / 1.03 | SIMSAK CORPORATION 623 YONGE ST BARRIE ON | DTNK |
|--------------------|----------|-----------|--------------|---|------|

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: | | Description: Original Source: Record Date: | | Piping Underground: Tank Underground: Source: | |
| | | FS Piping | | | |
| | | EXP | | | |
| | | Up to Mar 2012 | | | |

| | | | | | |
|--------------------|----------|-----------|--------------|---|------|
| 24 | 13 of 23 | NNW/216.7 | 250.9 / 1.03 | SIMSAK CORPORATION 623 YONGE ST BARRIE ON | DTNK |
|--------------------|----------|-----------|--------------|---|------|

Delisted Expired Fuel Safety Facilities

| | | | |
|-------------------------------------|----------------|-----------------------------|--|
| Instance No: | 10558932 | Expired Date: | |
| Status: | EXPIRED | Max Hazard Rank: | |
| Instance ID: | 28442 | 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 | 14 of 23 | NNW/216.7 | 250.9 / 1.03 | SIMSAK CORPORATION 623 YONGE ST BARRIE ON | DTNK |
|--------------------|----------|-----------|--------------|---|------|

Delisted Expired Fuel Safety Facilities

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|-------------------------|---------------|-----------------------------|----|
| Instance No: | 10559067 | | | Expired Date: | |
| Status: | EXPIRED | | | Max Hazard Rank: | |
| Instance ID: | 28719 | | | 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 | | | |

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|--------------------|----------|-----------|--------------|---|------|
| 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 | | | Expired Date: | |
| Status: | EXPIRED | | | Max Hazard Rank: | |
| Instance ID: | 29018 | | | 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: | | | | | |

| 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 | | | |

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|--------------------|----------|-----------|--------------|--|------|
| 24 | 16 of 23 | NNW/216.7 | 250.9 / 1.03 | 1255545 ONTARIO LTD 623 YONGE ST BARRIE ON | DTNK |
|--------------------|----------|-----------|--------------|--|------|

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: | | | |
| 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: | | | |
| TSSA Program Area 2: | | | |
| Description: | FS Propane Tank | | |
| Original Source: | EXP | | |
| Record Date: | Up to Mar 2012 | | |

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|--------------------|----------|-----------|--------------|--|------|
| 24 | 17 of 23 | NNW/216.7 | 250.9 / 1.03 | 1255545 ONTARIO LTD 623 YONGE ST BARRIE ON | DTNK |
|--------------------|----------|-----------|--------------|--|------|

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 |
|---|-------------------|---|------------------|--|----|
| 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: | | Piping Underground: Tank Underground: Source: | |
| | | FS Propane Tank | | | |
| | | EXP | | | |
| | | Up to Mar 2012 | | | |

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|--------------------|----------|-----------|--------------|--|------|
| 24 | 18 of 23 | NNW/216.7 | 250.9 / 1.03 | 1255545 ONTARIO LTD 623 YONGE ST BARRIE ON | DTNK |
|--------------------|----------|-----------|--------------|--|------|

**Delisted Expired Fuel Safety
Facilities**

| | | | |
|-------------------------------------|-----------------|-----------------------------|--|
| Instance No: | 11219247 | Expired Date: | |
| Status: | EXPIRED | Max Hazard Rank: | |
| Instance ID: | 73395 | 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 | | |

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|--------------------|----------|-----------|--------------|---|-----|
| 24 | 19 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: | 2009 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|---|------------------|---|-----|
| 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 | | | |
| 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: | | ON9087241 | | | |
| SIC Code: | | 419120 | | | |
| SIC Description: | | Petroleum Product Agents and Brokers | | | |
| Approval Years: | | 2010 | | | |
| 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 | | | |
| Waste Class: | | 251 | | | |
| Waste Class Name: | | 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: | | ON9217627 | | | |
| SIC Code: | | 447110 | | | |
| SIC Description: | | Gasoline Stations with Convenience Stores | | | |
| Approval Years: | | 2012 | | | |
| PO Box No: | | | | | |
| Country: | | | | | |
| Status: | | | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| 24 | 23 of 23 | NNW/216.7 | 250.9 / 1.03 | Suncor Energy Products 623 Yonge Street Barrie ON | GEN |
| Generator No: | | ON9217627 | | | |
| SIC Code: | | 447110 | | | |
| SIC Description: | | | | | |
| Approval Years: | | 2013 | | | |
| PO Box No: | | | | | |
| Country: | | | | | |
| Status: | | | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------|-------------------|-------------------------|---------------|------|----|
|---------|-------------------|-------------------------|---------------|------|----|

Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 221
Waste Class Name: LIGHT FUELS

| | | | | | |
|-----------------------------------|-----------------------------------|-----------|--------------|---|----------|
| 25 | 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 | | | | |

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: SUNCOR ENERGY PRODUCTS PARTNERSHIP
Item: FS LIQUID FUEL TANK

| | | | | | |
|------------------------------|----------------------------------|-----------|--------------|---|----------|
| 25 | 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: 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: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------|------------------------------|-------------------------|---------------|---------|---------------------|
| | | | | Source: | FS Liquid Fuel Tank |
| | 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 | | | |

[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: | |
|--------------|----------|---------------|--|

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------|--|-------------------------|---------------|---|----|
| | EXPIRED | | | 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 | |
| | Status: 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 1:19:41 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 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 **DTNK**
ON

Delisted Expired Fuel Safety Facilities

| | |
|--|---|
| Instance No: 10558869 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 1:19:46 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 | 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 |
|--|---|

| 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 **DTNK**
ON

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 | | |
| 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 | | |
| | 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 **DTNK**
ON

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 |
|-------------------------------------|---------------------|-------------------------|---------------|-----------------------------|---------------------|
| 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: | |
| 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](#) 10 of 32 **NNW/216.7** **250.9 / 1.03** **SIMSAK CORPORATION**
623 YONGE ST BARRIE L4N 4E7 ON CA **DTNK**
ON

Delisted Expired Fuel Safety Facilities

| | | | |
|-------------------------------------|---|-----------------------------|-----------------------------------|
| Instance No: | 10559060 | Expired Date: | NULL |
| 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 1:19:50 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 Premium | | |
| Original Source: | EXP | | |
| Record Date: | 31-JUL-2020 | | |

[25](#) 11 of 32 **NNW/216.7** **250.9 / 1.03** **SIMSAK CORPORATION**
623 YONGE ST BARRIE L4N 4E7 ON CA **DTNK**
ON

| 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 | | | | |

| | | | | | |
|---------------------------------|--------------------------|------------------|---------------------|--|------------|
| <u>25</u> | 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 | | Municipality No: | |
| Year: | | 2014/05/08 | | Nature of Damage: | |
| Incident Dt: | | 2014/05/08 | | Discharger Report: | |
| MOE Response: | | No Field Response | | Material Group: | |
| Dt MOE Arvl on Scrn: | | 2014/05/08 | | Health/Env Conseq: | |
| MOE Reported Dt: | | 2014/11/07 | | Agency Involved: | |
| Dt Document Closed: | | NA | | | |
| Site No: | | | | | |
| 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 | | | Any Health Impact: | No |
| Incident ID: | | | | Any Enviro Impact: | Yes |
| Instance No: | | | | Service Interrupted: | Yes |
| Status Code: | | | | Was Prop Damaged: | No |
| Attribute Category: | FS-Perform L1 Incident Insp | | | Reside App. Type: | |
| Context: | | | | Commer App. Type: | |
| Date of Occurrence: | 2015/05/13 00:00:00 | | | Indus App. Type: | |
| Time of Occurrence: | 20:10:00 | | | Institut App. Type: | |
| Incident Created On: | | | | Venting Type: | |
| Instance Creation Dt: | | | | Vent Conn Mater: | |
| Instance Install Dt: | | | | Vent Chimney Mater: | |
| Occur Insp Start Date: | 2015/05/14 00:00:00 | | | Pipeline Type: | |
| Approx Quant Rel: | | | | Pipeline Involved: | |
| Tank Capacity: | | | | Pipe Material: | |
| Fuels Occur Type: | Liquid Petroleum Spill | | | Depth Ground Cover: | |
| Fuel Type Involved: | Gasoline | | | Regulator Location: | |
| Enforcement Policy: | NULL | | | Regulator Type: | |
| Prc Escalation Req: | NULL | | | 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: | 5508007 | | | 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 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 | | | MOE District: | Barrie |
| Approval Date: | 2002-02-20 | | | City: | |
| Status: | Approved | | | Longitude: | -79.646545 |
| Record Type: | ECA | | | Latitude: | 44.35692 |
| Link Source: | IDS | | | Geometry X: | |
| SWP Area Name: | Lakes Simcoe and Couchiching/Black River | | | Geometry Y: | |
| 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: ON9217627 SIC Code: 447110 SIC Description: 447110 Approval Years: 2016 PO Box No: Country: Canada 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: 221 Waste Class Name: LIGHT FUELS | | | | | |
| Waste Class: 251 Waste Class Name: 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: ON9217627 SIC Code: 447110 SIC Description: 447110 Approval Years: 2015 PO Box No: Country: Canada 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 | 18 of 32 | NNW/216.7 | 250.9 / 1.03 | Suncor Energy Products 623 Yonge Street Barrie ON L4N4E4 | GEN |
| Generator No: ON9217627 SIC Code: 447110 SIC Description: 447110 Approval Years: 2014 PO Box No: Country: 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 | | | |
| <u>25</u> | 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) | | | |
| <u>25</u> | 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: | |
| <u>Liquid Fuel Tank Details</u> | | | | | |
| 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 | Creation Date: |
| Status: Active | Overfill Prot Type: |
| Instance Type: | Facility Location: |
| Fuel Type: | Piping SW Steel: 0 |
| Cont Name: | Piping SW Galvan: 0 |
| Capacity: | Tanks SW Steel: 0 |
| Tank Material: | Piping Underground: 2 |
| Corrosion Prot: | No Underground: 3 |
| Tank Type: | Max Hazard Rank: |
| Install Year: | Max Hazard Rank 1: |
| Facility Type: | Nxt Period Start Dt: |
| Device Installed Loc: | Program Area 1: |
| Fuel Type 2: | Program Area 2: |
| Fuel Type 3: | Nxt Period Strt Dt 2: |
| Item: FS GASOLINE STATION - SELF SERVE | Risk Based Periodic: |
| Item Description: | Vol of Directives: |
| Model: | Years in Service: |
| Description: | Created Date: |
| Instance Creation Dt: | Federal Device: |
| Instance Install Dt: | Periodic Exempt: |
| Manufacturer: | Statutory Interval: |
| Serial No: | Rcomnd Insp Interval: |
| ULC Standard: | Recommended Toler: |
| Quantity: | Panam Venue Name: |
| Unit of Measure: | External Identifier: |
| Parent Fac Type: | |
| TSSA Base Sched Cycle 1: | |
| TSSA Base Sched Cycle 2: | |
| Original Source: FST | |
| Record Date: 31-MAY-2021 | |

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|--------------------|----------|-----------|--------------|---|-----|
| 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 | 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 |

| 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 | | | |
| <u>Liquid Fuel Tank Details</u> | | | | | |
| Overfill Protection: | | | | | |
| Owner Account Name: | | SIMSAK CORPORATION | | | |
| Item: | | FS LIQUID FUEL TANK | | | |

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|--|-----------------------------|-----------------------------------|--------------|---|----------|
| 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 | | | |
| <u>Liquid Fuel Tank Details</u> | | | | | |
| Overfill Protection: | | | | | |
| Owner Account Name: | | SIMSAK CORPORATION | | | |
| Item: | | FS LIQUID FUEL TANK | | | |

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|--------------------------|-----------------------------|-----------|--------------|---|----------|
| 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 | | | | | |

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|---|----------|-----------|--------------|---|-----|
| 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 | | | | | |

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|---|----------|-----------|--------------|---|-----|
| 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

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|-----------------------------------|-----------------------------|-----------------------------------|--------------|---|----------|
| 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 | | | | | |

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|---|----------|-----------|--------------|--|-----|
| 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 | | | | | |

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|---|----------|-----------|--------------|--|-----|
| 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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Waste Class: 221 I
Waste Class Name: LIGHT FUELS

Waste Class: 251 L
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 221 L
Waste Class Name: LIGHT FUELS

[26](#) 1 of 1 ENE/218.4 254.0 / 4.15 200 Montgomery Drive Barrie ON L4N 4G8 [EHS](#)

| | | | |
|--------------------------|-----------------------|-----------------------|------|
| Order No: | 20020614012w | Nearest Intersection: | |
| Status: | C | Municipality: | |
| Report Type: | Online Mapless Report | Client Prov/State: | ON |
| 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: | | | |

[27](#) 1 of 1 NNW/223.4 249.9 / 0.00 644 YONGE ST Barrie ON [WWIS](#)

| | | | |
|----------------------|--------------------------|--------------------|------------|
| Well ID: | 7228530 | 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: | Z195689 | Contractor: | 7241 |
| Tag: | A167825 | 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: | | | |

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 08/29/2014
Year Completed: 2014
Depth (m): 6.096
Latitude: 44.3567280829213
Longitude: -79.6479256067225
Path:

Bore Hole Information

| | | | |
|-----------------|------------|------------|----|
| Bore Hole ID: | 1005144505 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 17 |

| 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: | | | | | |

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Construction Record - Casing

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

Construction Record - Screen

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

Water Details

Water ID: 1005431351
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005431350
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

| | |
|--------------------------------------|-------------------------------------|
| 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 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\5701462.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/16/1960
Year Completed: 1960
Depth (m): 8.5344
Latitude: 44.355702273726
Longitude: -79.6434143593009
Path: 570\5701462.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| Bore Hole ID: | 10379355 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 17 |
| Code OB: | | East83: | 608111.40 |
| Code OB Desc: | | North83: | 4912276.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 12/16/1960 | 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
Materials Interval**

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

Overburden and Bedrock

| 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: | | | | Operator Box: | |
| Licence No: | 12771 | | | 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: | 7924388 |
| 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: | | | | | |

| | | | | | |
|-------------------------------|---------------------|----------|--------------|---|-----|
| 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: | ON7340135 | | | | |
| SIC Code: | 446110 | | | | |
| SIC Description: | 446110 | | | | |
| Approval Years: | 2016 | | | | |
| PO Box No: | | | | | |
| Country: | Canada | | | | |
| Status: | | | | | |
| Co Admin: | NASTRAN NAJAFI-FARD | | | | |
| Choice of Contact: | CO_ADMIN | | | | |
| Phone No Admin: | 4164931220 Ext.3218 | | | | |
| Contaminated Facility: | No | | | | |
| MHSW Facility: | No | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | 261 | | | | |
| Waste Class Name: | PHARMACEUTICALS | | | | |
| Waste Class: | 312 | | | | |
| Waste Class Name: | PATHOLOGICAL WASTES | | | | |

| | | | | | |
|-------------------------------|---------------------|----------|--------------|---|-----|
| 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: | ON7340135 | | | | |
| SIC Code: | 446110 | | | | |
| SIC Description: | 446110 | | | | |
| Approval Years: | 2015 | | | | |
| PO Box No: | | | | | |
| Country: | Canada | | | | |
| Status: | | | | | |
| Co Admin: | NASTRAN NAJAFI-FARD | | | | |
| Choice of Contact: | CO_ADMIN | | | | |
| Phone No Admin: | 4164931220 Ext.3218 | | | | |
| 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: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 312
Waste Class Name: 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:

Detail(s)

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 |
|--------------------|---------|----------|--------------|--|-----|

| | |
|--|--|
| <p>Detail Licence No: Licence No: L-232-1103841898 Status: Active Approval Date: 2019-01-07 Report Source: PEST-Limited Vendor Licence Type: Limited Vendor Licence Type Code: Licence Class: Licence Control: Latitude: 44.35638889 Longitude: -79.64472222 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2115223</p> | <p>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: Barrie SWP Area Name: Lakes Simcoe and Couchiching/Black River</p> |
|--|--|

| | | | | | |
|--------------------|---------|----------|--------------|---|-----|
| 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: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | As of Jul 2020 Canada Registered | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: Waste Class Name: | | 261 A Pharmaceuticals | | | |
| Waste Class: Waste Class Name: | | 312 P 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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | ON7340135 As of Nov 2021 Canada Registered | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: Waste Class Name: | | 261 A Pharmaceuticals | | | |
| Waste Class: Waste Class Name: | | 312 P 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: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | ON7340135 As of Oct 2022 Canada Registered | | | |
| <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 |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| 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 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 | Tag No: | |
| Depth M: | 11.5824 | Contractor: | 2514 |
| Year Completed: | 1968 | Latitude: | 44.3562208101098 |
| Well Completed Dt: | 11/12/1968 | Longitude: | -79.6438666731513 |
| Audit No: | | Y: | 44.35622080871258 |
| Path: | 570\5705576.pdf | X: | -79.6438665204254 |

| | | | | | |
|----------------------------|---|---------------------------|---------------------|-----------------------------|-------------|
| <u>32</u> | 1 of 1 | NE/243.9 | 254.6 / 4.77 | lot 13 con 12 ON | WWIS |
| Well ID: | 5701474 | 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: | 02/07/1968 | | |
| 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\5701474.pdf | | | | |

Additional Detail(s) (Map)

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|

Well Completed Date: 12/14/1967
Year Completed: 1967
Depth (m): 13.716
Latitude: 44.3564015633014
Longitude: -79.6439252441836
Path: 570\5701474.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| 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: | | | |

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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

Overburden and Bedrock

| 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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Water Details

Water ID: 933860830
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 44.0
Water Found Depth UOM: ft

Links

| | | | |
|---------------------------|-----------------|--------------------|--------------------|
| 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 |

| | | | | | |
|--------------------|--------|----------|---------------|---------------------------|------|
| 33 | 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 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: | | | |

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 08/29/2014
Year Completed: 2014
Depth (m): 6.096
Latitude: 44.3567077634862
Longitude: -79.648490742779
Path:

Bore Hole Information

| | | | |
|------------------------|------------|-------------------|------------|
| 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: | 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: | | 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 | | | | | |
| Construction Date: | | | | | |
| Use 1st: Not Used | | | | | |
| Use 2nd: | | | | | |
| Final Well Status: Abandoned-Other | | | | | |
| Water Type: | | | | | |
| Casing Material: | | | | | |
| Audit No: 246407 | | | | | |
| Tag: | | | | | |
| Constructn Method: | | | | | |
| Flowing (Y/N): | | | | | |
| Flow Rate: | | | | | |
| Data Entry Status: | | | | | |
| Data Src: 1 | | | | | |
| Date Received: 09/13/2002 | | | | | |
| Selected Flag: TRUE | | | | | |
| Abandonment Rec: | | | | | |
| Contractor: 2513 | | | | | |
| Form Version: 1 | | | | | |
| Owner: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|---|------------------|--|----|
| Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: | | INNISFIL TOWNSHIP | | County: SIMCOE Lot: 013 Concession: 13 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: | |
| 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 #: 3-0694-95-
Application Year: 95
Issue Date: 6/22/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

| | | | | | |
|--------------------|---------|-----------|--------------|--|-----|
| 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: 0487-6FZP4K Year: Incident Dt: 9/7/2005 MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/7/2005 Dt Document Closed: Site No: Site County/District: Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: Big Bay Point and Yonge Street<UNOFFICIAL> Site Address: Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Overflow (Tanks Lagoons) Incident Event: Environment Impact: Not Anticipated Nature of Impact: Soil Contamination; Surface Water Pollution Contaminant Qty: 20 System Facility Address: Client Name: The Corporation of the City of Barrie Client Type: Call Report Location Geodata: Contaminant Code: Contaminant Name: SEWAGE,RAW UNCHLORINATED Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land & Water Receiving Environment: Incident Reason: Process upset Incident Summary: Barrie: manhole overflow from blockage, some to c/b Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: | Municipality No: Nature of Damage: Discharger Report: 0 Material Group: Waste Health/Env Conseq: Agency Involved: |
|--|--|

| 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: | 0 | | |
| MOE Response: | | Material Group: | Gases/Particulate | | |
| Dt MOE Arvl on Scn: | | Health/Env Conseq: | | | |
| MOE Reported Dt: | 10/19/2005 | Agency Involved: | | | |
| Dt Document Closed: | | | | | |
| 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: | | Municipal and Private Sewage Works | | | |
| Status: | | Approved | | | |
| Application Type: | | | | | |
| Client Name: | | | | | |
| Client Address: | | | | | |
| Client City: | | | | | |
| Client Postal Code: | | | | | |
| Project Description: | | | | | |
| Contaminants: | | | | | |
| Emission Control: | | | | | |

| | | | | | |
|---------------------------------|--|-----------|--------------|--|------------------|
| 35 | 8 of 13 | NNW/252.4 | 249.9 / 0.00 | Yonge Street & Big Bay Point Road Barrie ON | EHS |
| Order No: | 20130110019 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | County of Simcoe |
| Report Type: | Standard Report | | | Client Prov/State: | ON |
| Report Date: | 21-JAN-13 | | | Search Radius (km): | .25 |
| Date Received: | 10-JAN-13 | | | X: | -79.64806 |
| Previous Site Name: | Warnica School - Simcoe Board of Education | | | Y: | 44.3575 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |

| | | | | | |
|--------------------------------------|--|-----------|--------------|--|-----|
| 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: | 8532-96KRVS | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 08-APR-13 | | | Discharger Report: | |
| MOE Response: | | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | |
| MOE Reported Dt: | 08-APR-13 | | | Agency Involved: | |
| Dt Document Closed: | | | | | |
| Site No: | | | | | |
| Site County/District: | | | | | |
| Site Geo Ref Meth: | | | | | |
| Site District Office: | | | | | |
| Nearest Watercourse: | | | | | |
| Site Name: | Intersection NE Corner<UNOFFICIAL> | | | | |
| Site Address: | Big Bay Point and Yonge Street (NE Corner) | | | | |
| 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: | Confirmed | | | | |
| Nature of Impact: | Soil Contamination | | | | |
| Contaminant Qty: | 0 other - see incident description | | | | |
| System Facility Address: | | | | | |
| Client Name: | The Corporation of the City of Barrie | | | | |
| Client Type: | | | | | |
| Call Report Location Geodata: | | | | | |
| Contaminant Code: | 44 | | | | |
| Contaminant Name: | SEWAGE,RAW UNCHLORINATED | | | | |
| Contaminant Limit 1: | | | | | |
| Contam Limit Freq 1: | | | | | |

| 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 |
| Ref No: | 4454-AF6QFV | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 2016/10/28 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | |
| MOE Reported Dt: | 2016/10/28 | | | Agency Involved: | |
| 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: | | | | | |

| | | | | | |
|-----------------------|--|-----------|--------------|---|----------|
| 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 |
| Approval No: | 6044-64VLHK | | | MOE District: | Barrie |
| Approval Date: | 2004-09-23 | | | City: | |
| Status: | Revoked and/or Replaced | | | Longitude: | -79.6486 |
| Record Type: | ECA | | | Latitude: | 44.3635 |
| Link Source: | IDS | | | Geometry X: | |
| SWP Area Name: | Lakes Simcoe and Couchiching/Black River | | | Geometry Y: | |
| 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 | | | | |

| 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 | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 4/5/2019 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scrn: | | | | Health/Env Conseq: | 2 - Minor Environment |
| MOE Reported Dt: | 4/5/2019 | | | Agency Involved: | |
| 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 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|-------------------------|---------------|-------------------------|------------|
| 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

Additional Detail(s) (Map)

Well Completed Date: 12/11/1964
Year Completed: 1964
Depth (m): 15.8496
Latitude: 44.3570761614818
Longitude: -79.645390379065
Path: 570\5701471.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| 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: | | | |

Overburden and Bedrock

Materials Interval

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 |
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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

**Method of Construction & Well
Use**

Method Construction ID: 965701471
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------|-------------------|-------------------------|---------------|------|----|
|---------|-------------------|-------------------------|---------------|------|----|

Pipe ID: 10927934
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933860827
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 52.0
Water Found Depth UOM: ft

Links

| | |
|--------------------------------------|------------------------------------|
| 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 |

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|--------------------|--------|-----------|--------------|------------------|------|
| 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 |

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

Draw Down & Recovery

Pump Test Detail ID: 934825180
Test Type: Recovery
Test Duration: 45
Test Level: 14.0
Test Level UOM: ft

Water Details

Water ID: 933871489
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Links

| | | | |
|---------------------------|-----------------|--------------------|--------------------|
| 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 |

| | | | | | |
|--------------------|--------|-----------------|---------------------|-----------------------------|-------------|
| 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

Additional Detail(s) (Map)

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 |
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| 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: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| 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 |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| 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 |

Overburden and Bedrock

Materials Interval

| | |
|------------------------------|-------------|
| 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> | | | | | |
| <u>Use</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--------------------------------|----------------------|--------------------|--------------------|
| 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 |
| Well ID: 7206076 Construction Date: Use 1st: Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z170315 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: Date Received: 08/12/2013 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 4645 Form Version: 7 Owner: County: SIMCOE Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: | | | |
| 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: | | Path: 720\7206076.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: 1004499495 | | Elevation: | | | |
| DP2BR: | | Elevrc: | | | |
| Spatial Status: | | Zone: 17 | | | |
| Code OB: | | East83: 607855.00 | | | |
| Code OB Desc: | | North83: 4912448.00 | | | |
| 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</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: 1004974830 | | | | | |
| Layer: 1 | | | | | |
| Plug From: -9.0 | | | | | |
| Plug To: 25.0 | | | | | |
| Plug Depth UOM: ft | | | | | |

| <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> |
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|

Method of Construction & Well Use

Method Construction ID: 1004974829
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004974823
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1004974828
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004974826
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004974825
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

| 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

Additional Detail(s) (Map)

Well Completed Date: 08/29/2012
Year Completed: 2012
Depth (m): 6.7056
Latitude: 44.35726335561
Longitude: -79.6475117497112
Path: 718\7187965.pdf

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| 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: | | | |

**Overburden and Bedrock
Materials Interval**

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

**Overburden and Bedrock
Materials Interval**

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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Pipe Information

Pipe ID: 1004446737
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

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

Construction Record - Screen

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

Water Details

Water ID: 1004446742
 Layer:
 Kind Code:
 Kind:
 Water Found Depth:
 Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004446741
 Diameter: 8.5
 Depth From: 0.0
 Depth To: 22.0
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

Links

| | | | |
|--------------------|-----------------|-------------|--------------------|
| 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 |

| 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 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\7187964.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/29/2012
Year Completed: 2012
Depth (m): 6.096
Latitude: 44.3571691041828
Longitude: -79.6479154634728
Path: 718\7187964.pdf

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| 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: | | | |

Overburden and Bedrock Materials Interval

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 |
|---------------------------|-------------------|----------------------------|------------------|--------------------|--------------------|
| Links | | | | | |
| 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 |

| | | | | | |
|-------------------------------|-----------------------------------|----------|--------------|--|-----|
| 45 | 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 | | | | |

Detail(s)

| | |
|--------------------------|--------------------------------|
| Waste Class: | 331 |
| Waste Class Name: | WASTE COMPRESSED GASES |
| Waste Class: | 145 |
| Waste Class Name: | PAINT/PIGMENT/COATING RESIDUES |

| | | | | | |
|-------------------------------|----------------|----------|--------------|--|-----|
| 45 | 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: | | | | | |

Detail(s)

| | |
|--------------------------|--|
| 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: ON6848207
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:

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: ON6848207
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:

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: | | | | | |
| Incident No: | | 3110208 | | | |
| Incident Reported Dt: | | 9/21/2021 | | | |
| Type: | | FS-Pipeline Incident | | | |
| Status Code: | | | | | |
| Tank Status: | | Pipeline Damage Reason Est | | | |
| Task No: | | | | | |
| Spills Action Centre: | | | | | |
| Fuel Type: | | | | | |
| Fuel Occurrence Tp: | | | | | |
| Date of Occurrence: | | | | | |
| Occurrence Start Dt: | | | | | |
| Depth: | | | | | |
| 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: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 331 I | | | |
| Waste Class Name: | | WASTE COMPRESSED GASES | | | |
| Waste Class: | | 263 C | | | |
| Waste Class Name: | | ORGANIC LABORATORY CHEMICALS | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|---|------------------|------|----|
| Waste Class: Waste Class Name: | | 146 T OTHER SPECIFIED INORGANICS | | | |
| Waste Class: Waste Class Name: | | 146 R OTHER SPECIFIED INORGANICS | | | |
| Waste Class: Waste Class Name: | | 145 L PAINT/PIGMENT/COATING RESIDUES | | | |
| Waste Class: Waste Class Name: | | 148 C INORGANIC LABORATORY CHEMICALS | | | |

| | | | | | |
|--------------------------------------|---|-----------------|---------------------|---|-------------|
| 45 | 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 | | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|-------------------|
| Well Completed Date: | 11/20/1968 |
| Year Completed: | 1968 |
| Depth (m): | 53.34 |
| Latitude: | 44.3568523290503 |
| Longitude: | -79.6439775873683 |
| Path: | 570\5705586.pdf |

Bore Hole Information

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|---|------------------|-------------------------|--------------------------------|
| 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: | | | | | |

Overburden and Bedrock
Materials Interval

| | |
|---------------------------------|-------------|
| 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 |

Overburden and Bedrock
Materials Interval

| | |
|---------------------------------|----------------|
| 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 |

Overburden and Bedrock
Materials Interval

| | |
|------------------------------|-----------|
| 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 | | | | |
| Status: | C | | | | |
| Report Type: | Custom Report | | | | |
| Report Date: | 17-JUL-17 | | | | |
| Date Received: | 10-JUL-17 | | | | |
| Previous Site Name: | | | | | |
| Lot/Building Size: | 1.25 acres | | | | |
| Additional Info Ordered: | | | | | |
| Nearest Intersection: | | | | | |
| Municipality: | Barrie | | | | |
| Client Prov/State: | ON | | | | |
| Search Radius (km): | .25 | | | | |
| 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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

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 Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: BARRIE CITY (INNISFIL)
Site Info:

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:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 07/04/2017
Year Completed: 2017
Depth (m):
Latitude: 44.3575198434122
Longitude: -79.6463639473302
Path:

Bore Hole Information

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:

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

Links

Bore Hole ID: 1006970761
Depth M:
Year Completed: 2017
Well Completed Dt: 07/04/2017
Audit No: C38485
Path:

Tag No: A229357
Contractor: 7230
Latitude: 44.3575198434122
Longitude: -79.6463639473302
Y: 44.357519841670985
X: -79.64636379467187

[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 |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Pipe ID: 10927926
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933860819
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 15.0
Water Found Depth UOM: ft

Links

| | | | |
|---------------------------|-----------------|--------------------|--------------------|
| 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 |

[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:

Pipe Information

Pipe ID: 1004974807
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1004974812
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004974810
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004974809
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

| | | | |
|--------------------|-----------------|-------------|--------------------|
| 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 |
|--------------------|--------|---------|--------------|---------------------|------|

| | | | |
|----------------------------|---|---------------------------|------------|
| Well ID: | 7206079 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | | Data Entry Status: | |
| Use 2nd: | | Data Src: | |
| Final Well Status: | Observation Wells | Date Received: | 08/12/2013 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | Yes |
| Audit No: | Z170317 | Contractor: | 4645 |
| Tag: | | Form Version: | 7 |
| Constructn Method: | | Owner: | |
| 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/720\7206079.pdf | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|-------------------|
| Well Completed Date: | 07/05/2013 |
| Year Completed: | 2013 |
| Depth (m): | |
| Latitude: | 44.3576128212308 |
| Longitude: | -79.6466127741193 |
| Path: | 720\7206079.pdf |

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 1004499795 | 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: | | | |

Annular Space/Abandonment

Sealing Record

| | |
|------------------------|------------|
| Plug ID: | 1004974892 |
| Layer: | 1 |
| Plug From: | 0.0 |
| Plug To: | 37.0 |
| Plug Depth UOM: | ft |

| <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> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <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 |
|---------------------------|-------------------|---|------------------|------|----|
| 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: | | 440-484 Big Bay Point Rd. | | | |
| Full Address: | | | | | |
| Full PDF Link: | | https://www.accessenvironment.ene.gov.on.ca/instruments/3817-4J6HQQ-14.pdf | | | |
| PDF Site Location: | | | | | |

| | | | | | |
|-------------------------------|--------|-------------------------------|---------------|--|-----|
| 56 | 1 of 6 | NW/295.6 | 248.9 / -0.97 | 600 Yonge Developments, Inc. 600 Yonge Street Barrie ON L4N4E4 | GEN |
| Generator No: | | ON3399554 | | | |
| SIC Code: | | 531310 | | | |
| SIC Description: | | REAL ESTATE PROPERTY MANAGERS | | | |
| 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 | | | |
| Detail(s) | | | | | |
| Waste Class: | | 251 | | | |
| Waste Class Name: | | 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: | | ON3399554 | | | |
| SIC Code: | | 522111 | | | |
| SIC Description: | | 522111 | | | |
| Approval Years: | | 2015 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | CO_OFFICIAL | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | No | | | |
| MHSW Facility: | | No | | | |
| Detail(s) | | | | | |
| Waste Class: | | 251 | | | |
| Waste Class Name: | | 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: | | ON3399554 | | | |
| SIC Code: | | 522111 | | | |
| SIC Description: | | 522111 | | | |
| Approval Years: | | 2014 | | | |
| PO Box No: | | | | | |

| 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 | | | |
| 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 | | | |
| 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 | | | |
| 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 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|--|---------------------|---|-------------|
| 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 Oct 2019 Canada Registered | | | |
| Detail(s) | | | | | |
| Waste Class: Waste Class Name: | | 251 L Waste oils/sludges (petroleum based) | | | |
| 57 | 1 of 2 | NE/297.9 | 253.2 / 3.31 | 533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | HINC |
| 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: | | FS INC 0710-05644 Pipeline Strike 10/1/2007 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 | | | |
| Reported Details: Fuel Category: Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact: | | Gaseous Fuel Incident Safety Authorities (MOL, ESA, Insurers, etc.) Simcoe | | | |
| 57 | 2 of 2 | NE/297.9 | 253.2 / 3.31 | 533 BIG BAY POINT ROAD BARRIE ON L4N 3Z6 | HINC |
| 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: | | FS INC 0710-05645 Pipeline Strike 10/1/2007 Natural Gas Complete 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 | | | |
| Reported Details: Fuel Category: Occurrence Type: | | Gaseous Fuel Incident | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------------|-------------------|---|------------------|------|----|
| 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: | | | | | |

| | | | | | |
|---------------------------------|-----------------|-----------|--------------|--|---------------|
| 58 | 1 of 6 | NNW/298.3 | 250.2 / 0.31 | 494 Big Bay Point Rd Barrie ON L4N3Z5 | EHS |
| Order No: | 20150810076 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | Simcoe County |
| Report Type: | Standard Report | | | Client Prov/State: | ON |
| Report Date: | 17-AUG-15 | | | Search Radius (km): | .25 |
| Date Received: | 10-AUG-15 | | | X: | -79.647922 |
| Previous Site Name: | School | | | Y: | 44.357232 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |

| | | | | | |
|--------------------------------------|--|-----------|--------------|---|-----------------------|
| 58 | 2 of 6 | NNW/298.3 | 250.2 / 0.31 | 494 Big Bay Point Road in Barrie Barrie ON | SPL |
| Ref No: | 0646-AQAQE4 | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 8/16/2017 | | | Discharger Report: | |
| MOE Response: | No | | | Material Group: | |
| Dt MOE Arvl on Scn: | | | | Health/Env Conseq: | 2 - Minor Environment |
| MOE Reported Dt: | 8/16/2017 | | | Agency Involved: | |
| Dt Document Closed: | 8/24/2017 | | | | |
| Site No: | NA | | | | |
| Site County/District: | County of Simcoe | | | | |
| Site Geo Ref Meth: | | | | | |
| Site District Office: | Barrie | | | | |
| Nearest Watercourse: | | | | | |
| Site Name: | 494 Big Bay Point Road in Barrie<UNOFFICIAL> | | | | |
| Site Address: | 494 Big Bay Point Road in Barrie | | | | |
| Site Region: | Central | | | | |
| Site Municipality: | Barrie | | | | |
| Site Lot: | | | | | |
| Site Conc: | | | | | |
| Site Geo Ref Accu: | | | | | |
| Site Map Datum: | | | | | |
| Northing: | 4912480.07 | | | | |
| Easting: | 607744.07 | | | | |
| Incident Cause: | | | | | |
| Incident Event: | Collision/Accident | | | | |
| Environment Impact: | | | | | |
| Nature of Impact: | | | | | |
| Contaminant Qty: | 30 L | | | | |
| System Facility Address: | | | | | |
| Client Name: | | | | | |
| Client Type: | | | | | |
| Call Report Location Geodata: | | | | | |
| Contaminant Code: | 15 | | | | |
| Contaminant Name: | ENGINE OIL | | | | |
| Contaminant Limit 1: | | | | | |
| Contam Limit Freq 1: | | | | | |
| Contaminant UN No 1: | 1993 | | | | |
| Receiving Medium: | | | | | |
| Receiving Environment: | Land; Surface Water | | | | |
| Incident Reason: | Unknown / N/A | | | | |

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

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------------|---|----------------------------|------------------|---|-------------------|
| 59 | 1 of 2 | ENE/298.6 | 256.9 / 7.00 | QUEENSGATE HOMES (BARRIE) INC. 681 Yonge ST Barrie ON L4N 4E8 | EASR |
| Approval No: | R-009-1111664019 | | | MOE District: | Barrie |
| Status: | REGISTERED | | | Municipality: | Barrie |
| Date: | 2019-10-22 | | | Latitude: | 44.35527778 |
| Record Type: | EASR | | | Longitude: | -79.64222222 |
| Link Source: | MOFA | | | Geometry X: | -8865731.6234 |
| Project Type: | Water Taking - Construction Dewatering | | | Geometry Y: | 5520587.863200001 |
| Full Address: | | | | | |
| Approval Type: | EASR-Water Taking - Construction Dewatering | | | | |
| SWP Area Name: | Lakes Simcoe and Couchiching/Black River | | | | |
| PDF URL: | | | | | |
| PDF Site Location: | | | | | |
| 59 | 2 of 2 | ENE/298.6 | 256.9 / 7.00 | QUEENSGATE HOMES (BARRIE) INC. 681 Yonge ST Barrie ON L4N 4E8 | EASR |
| Approval No: | R-009-1111664019 | | | MOE District: | Barrie |
| Status: | REGISTERED | | | Municipality: | Barrie |
| Date: | 2020-12-07 | | | Latitude: | 44.35527778 |
| Record Type: | EASR | | | Longitude: | -79.64222222 |
| Link Source: | MOFA | | | Geometry X: | |
| Project Type: | Water Taking - Construction Dewatering | | | Geometry Y: | |
| Full Address: | | | | | |
| Approval Type: | EASR-Water Taking - Construction Dewatering | | | | |
| SWP Area Name: | Lakes Simcoe and Couchiching/Black River | | | | |
| PDF URL: | | | | | |
| PDF Site Location: | | | | | |
| 60 | 1 of 1 | N/298.7 | 252.8 / 2.95 | lot 13 con 13 ON | WWIS |
| Well ID: | 7309892 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | Abandoned-Other | | | Date Received: | 04/26/2018 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | Yes |
| Audit No: | Z271034 | | | Contractor: | 4645 |
| Tag: | | | | Form Version: | 7 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | SIMCOE |
| Elevatn Reliability: | | | | 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/730\7309892.pdf | | | | |
| Additional Detail(s) (Map) | | | | | |
| Well Completed Date: | 03/06/2018 | | | | |
| Year Completed: | 2018 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|---|-----------|
| 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: 17 | |
| Code OB: | | | | East83: 607881.00 | |
| Code OB Desc: | | | | North83: 4912488.00 | |
| Open Hole: | | | | Org CS: UTM83 | |
| Cluster Kind: | | | | UTMRC: 4 | |
| Date Completed: | | 03/06/2018 | | 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: | | 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 | | | |
| Links | | | | | |
| 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. O/A/ 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: **CORIANDEY 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 watermains 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 Subdivision 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 | Expired Date: 8/1/1990 |
| 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
Up to May 2013**Record Date:****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**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>**Decision Posted:****Exception Posted:****Section:****Act 1:****Act 2:****Site Location Map:****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:****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:****MOE District:****City:****Longitude:****Latitude:****Geometry X:****Geometry Y:****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:****Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS**Project Type:** INDUSTRIAL SEWAGE WORKS**Business Name:** Shell Canada Limited, for and on behalf of Shell Canada Products**MOE District:****City:****Longitude:****Latitude:****Geometry X:****Geometry Y:**

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 Operation Status: Closed C of A Issue Date: C of A Issued to: Lndfl Gas Mgmt (P): Lndfl Gas Mgmt (F): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt Sys: Landfill Gas Mntr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Surf Wtr Mntr: Air Emis Monitor: Approved Waste Type: Client Site Name: ERC Methodology: Site Name: County of Simcoe Waste Disposal Site#7, (Mara) The Corporation of the County of Simcoe Township of Ramara | Natural Attenuation: Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfl Gas: Lndfl Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Aprv Cap Unit: Financial Assurance: Last Report Year: Region: District Office: Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source: |
|---|--|

Site Location Details:
Service Area:
Page URL:

Site: THE WEED MAN - BARRIE
 ON

Database:
 PES

| | |
|---|---|
| Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Operator Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: | 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: |
|---|---|

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 SIMCOE
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
Year:
Incident Dt: 9/18/1991
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/18/1991
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:
Northing:
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 OFDIESEL 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:
Northing:
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
Year:
Incident Dt: 7/11/1997
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1997
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:

Municipality No: 70101
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

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
Year:
Incident Dt:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/18/2007
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
Year:
Incident Dt: 4/26/2019
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/26/2019
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
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 244456
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/11/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2558
Form Version: 1
Owner:
County: FRONTENAC
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
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/07/2003
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:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 265444
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: BARRIE CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/22/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1467
Form Version: 2
Owner:
County: SIMCOE
Lot: 012
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11099947
DP2BR:
Spatial Status:
Elevation:
Elevrc:
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 ERIS 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 / 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

Variations 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.

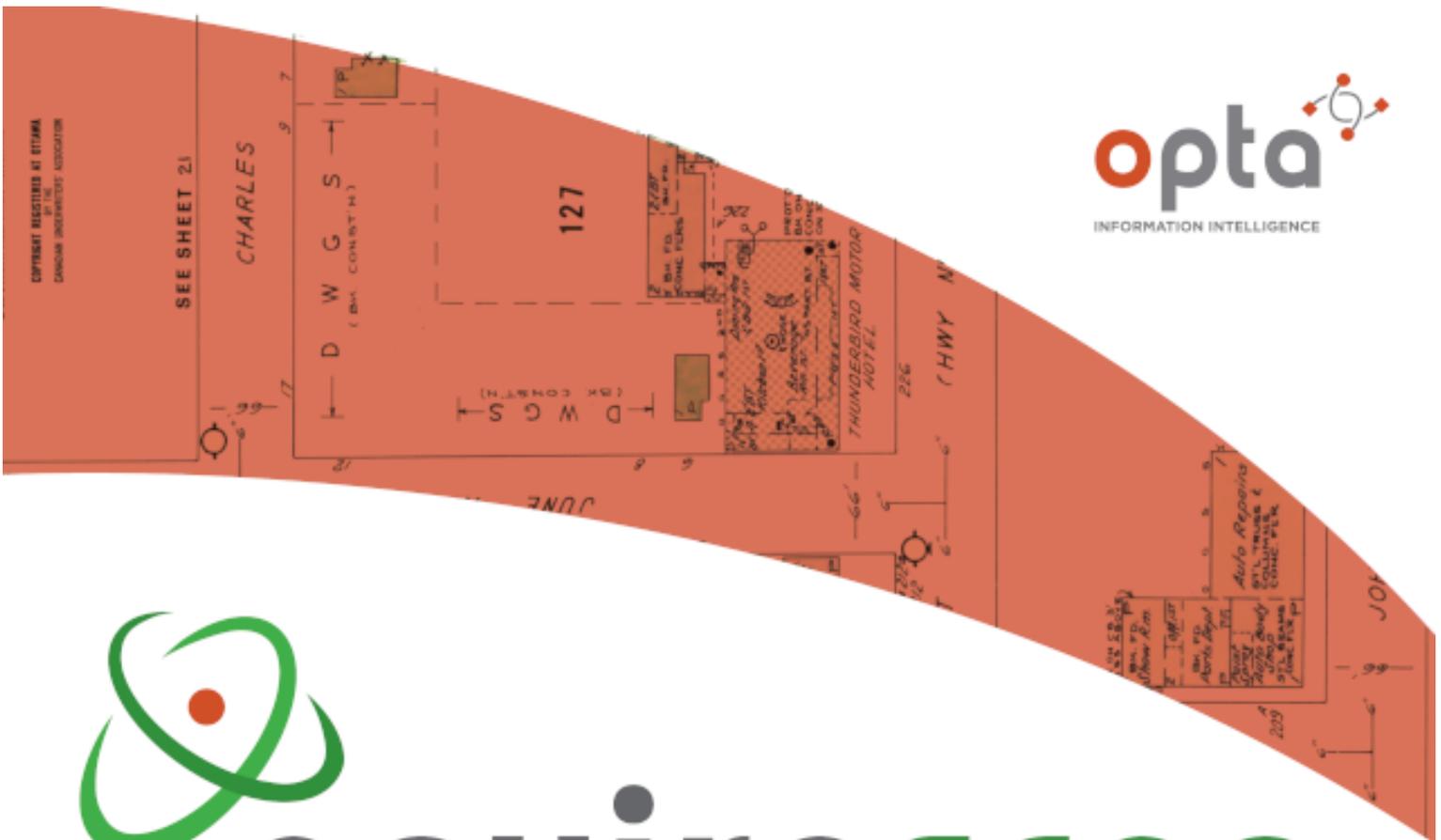
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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:

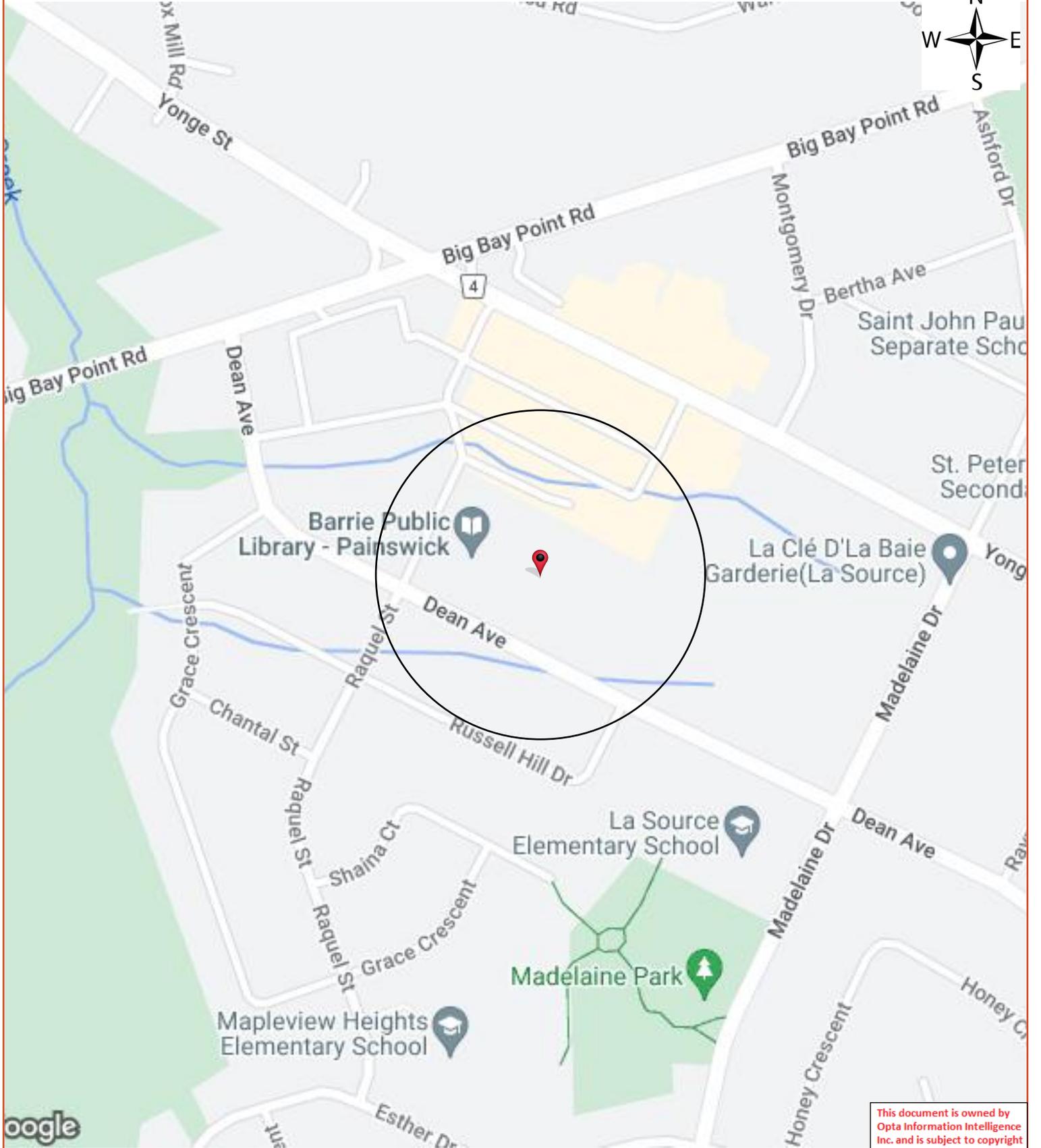
48 Dean Avenue Barrie ON

Project No:
23101100099

Opta Order ID:
135616

Requested by:
Eleanor Goolab
Ecolog Eris

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



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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.



175 Commerce Valley Drive W
Markham, Ontario
L3T 7Z3

T: 877.244.9437

Toll Free: 877.244.9437

F: 877.244.9437

www.optaintel.ca

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

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com



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



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

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 | <input type="checkbox"/> |



Search

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 | <input type="checkbox"/> | View Details |



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

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 | <input type="checkbox"/> |

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 ,

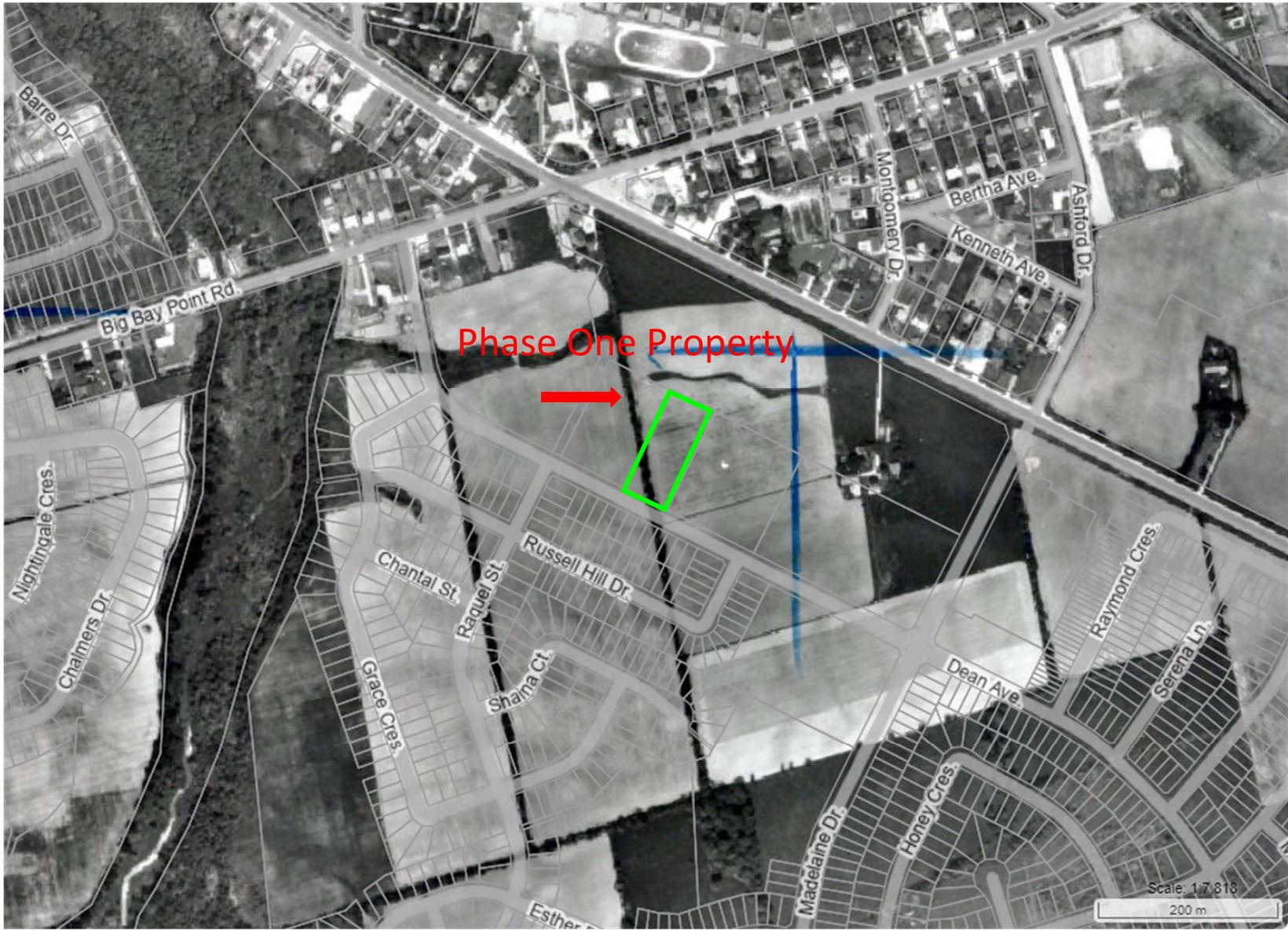


APPENDIX G

AERIAL PHOTOGRAPHS



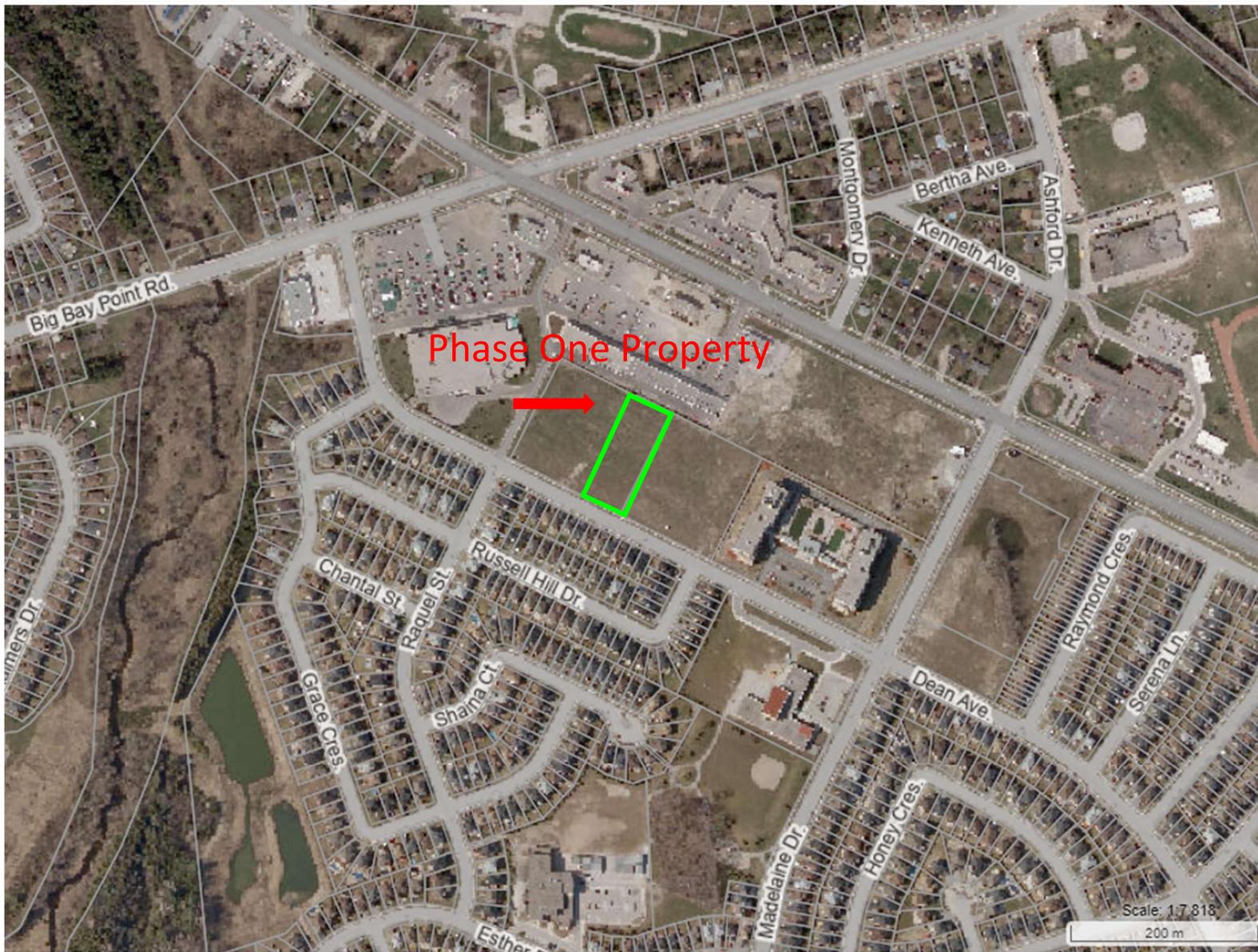
| | | | |
|---|--------------------------------|-----------------------------------|---|
|  | <p>Date: November 2023</p> | <p>Scale: Shown in figure</p> | <p>Project Number: 2023-11249</p> |
| <p>Aerial Photograph 1954</p> | <p>Drawn By: KC</p> | <p>Approved By: NR</p> | <p>Resource: Interactive Map – County of Simcoe (GIS)</p> |



| | | | |
|---|------------------------|---------------------------|--|
|  | 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) |



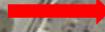
| | | | |
|---|--------------------------------|-----------------------------------|---|
|  | <p>Date: November 2023</p> | <p>Scale: Shown in figure</p> | <p>Project Number: 2023-11249</p> |
| <p>Aerial Photograph 2002</p> | <p>Drawn By: KC</p> | <p>Approved By: NR</p> | <p>Resource: Interactive Map – County of Simcoe (GIS)</p> |



| | | | |
|---|------------------------|---------------------------|--|
|  | Date: November 2023 | Scale: Shown in figure | Project Number: 2023-11249 |
| Aerial Photograph 2008 | Drawn By: KC | Approved By: NR | Resource: Interactive Map – County of Simcoe (GIS) |



Phase One Property



| | | | |
|---|--------------------------------|-----------------------------------|---|
|  | <p>Date: November 2023</p> | <p>Scale: Shown in figure</p> | <p>Project Number: 2023-11249</p> |
| <p>Aerial Photograph 2012</p> | <p>Drawn By: KC</p> | <p>Approved By: NR</p> | <p>Resource: Interactive Map – County of Simcoe (GIS)</p> |



| | | | |
|---|--------------------------------|-----------------------------------|---|
|  | <p>Date: November 2023</p> | <p>Scale: Shown in figure</p> | <p>Project Number: 2023-11249</p> |
| <p>Aerial Photograph 2022</p> | <p>Drawn By: KC</p> | <p>Approved By: NR</p> | <p>Resource: Interactive Map – County of Simcoe (GIS)</p> |



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:

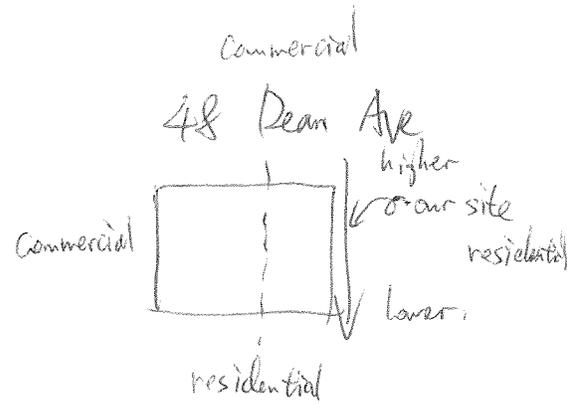
Any AST/UST? Material, method of construction, age, contents, volume, in use or not?

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



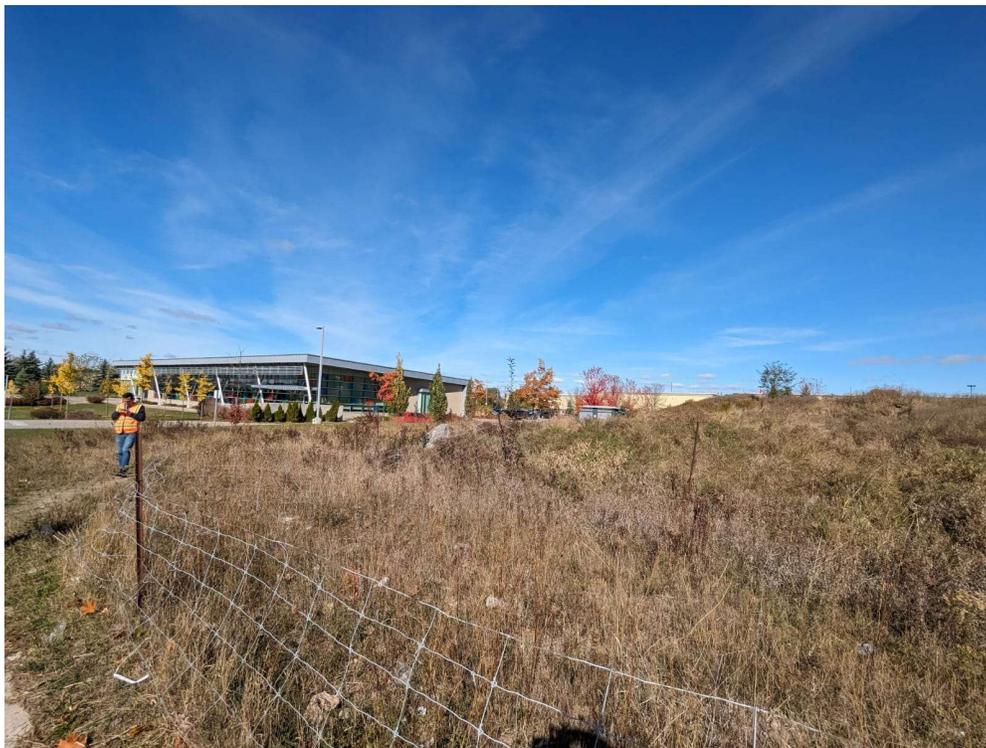
1. View of the north portion of the Phase One Property, facing northeast



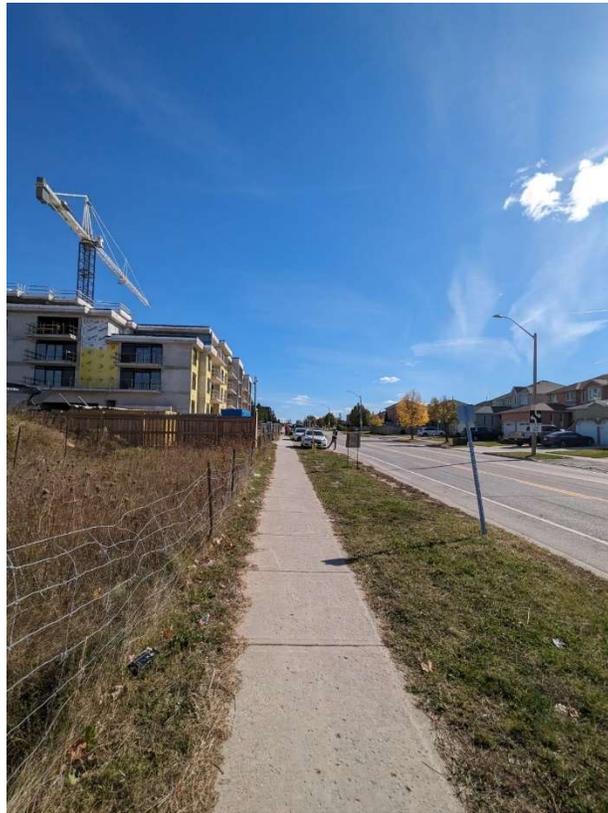
2. View of the east portion of the Phase One Property, facing southeast



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.

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David Hofbauer, M.A.Sc., P.Eng.,
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INCLUSIONS

FIGURES

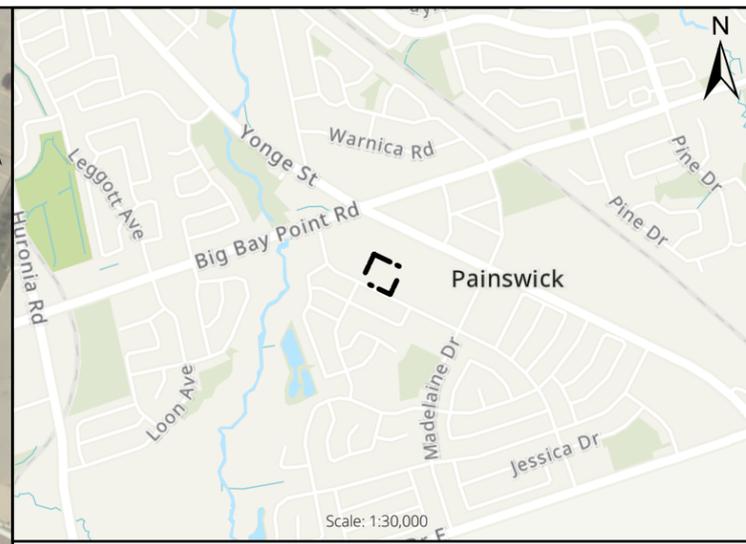
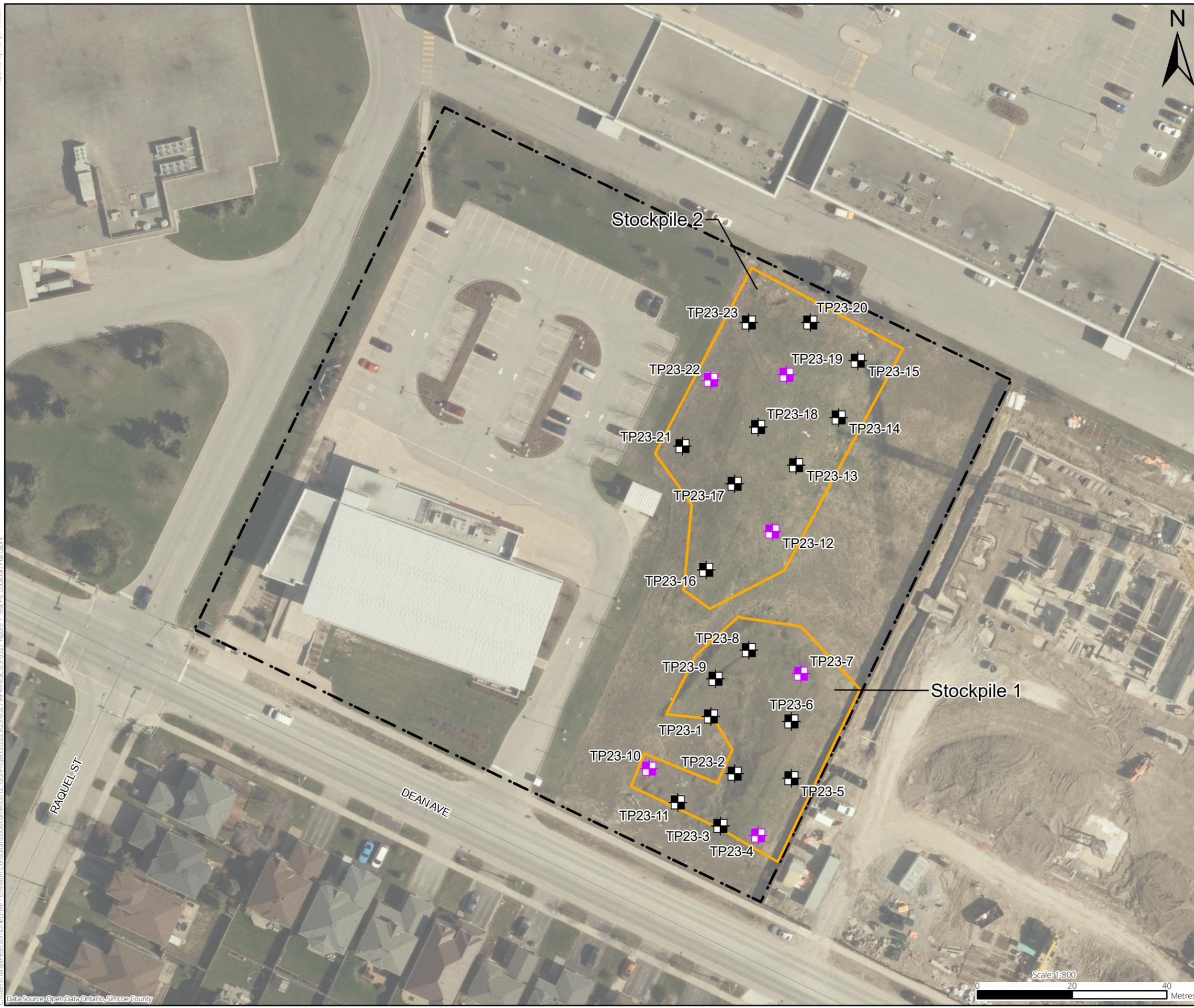
Figure 1 Test Pit Location Plan

APPENDICES

APPENDIX A: Certificate of Analysis



FIGURES



LEGEND

- SITE BOUNDARY
- STOCKPILE
- TEST PIT LOCATION
- TEST PIT LOCATION SUBMITTED FOR SAMPLING

| | | | | |
|--|--------------|-------------|-------------|--------|
| TITLE | | | | |
| TEST PIT LOCATION PLAN | | | | |
| PROJECT | | | | |
| ENVIRONMENTAL SOIL CHARACTERIZATION 43 DEAN AVENUE BARRIE, ONTARIO | | | | |
| CLIENT | | | | |
| CITY OF BARRIE | | | | |
| PROJECT NO. | DATE | PREPARED BY | APPROVED BY | FIGURE |
| 23-0527 | OCTOBER 2023 | TP | DH | 1 |





APPENDIX A:

Certificate of Analysis



CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

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

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.

| <u>Signatories</u> | <u>Position</u> | <u>Laboratory Department</u> |
|--------------------|--|-------------------------------------|
| 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).

| <i>Unit</i> | <i>Description</i> |
|-------------|-----------------------------|
| - | 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 |
| 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

| 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 |
| 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 |
| 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 | <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 | <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 | <0.030 |
| Ethylbenzene | 100-41-4 | E611D/WT | mg/kg | <0.015 | <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 | <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 | <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 | <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 | <0.040 |
| Styrene | 100-42-5 | E611D/WT | mg/kg | <0.050 | <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 | <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 | <0.050 |
| Tetrachloroethylene | 127-18-4 | E611D/WT | mg/kg | <0.050 | <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 | <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 | <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 | <0.050 |
| Trichloroethylene | 79-01-6 | E611D/WT | mg/kg | <0.010 | <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 | <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 | <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 | <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 | <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 | <0.050 |
| BTEX, total | ---- | E611D/WT | mg/kg | <0.10 | <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 | <5.0 |
| F2 (C10-C16) | ---- | E601.SG-L/WT | mg/kg | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| F2-Naphthalene | ---- | EC600/WT | mg/kg | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 |
| F3 (C16-C34) | ---- | E601.SG-L/WT | mg/kg | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| F3-PAH | n/a | EC600/WT | mg/kg | <50 | <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 |
| 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 | <50 |
| F1-BTEX | ---- | EC580/WT | mg/kg | <5.0 | <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 | <80 |
| Chromatogram to baseline at nC50 | n/a | E601.SG-LWT | - | YES | 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 | 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 | 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 | 79.8 |
| Difluorobenzene, 1,4- | 540-36-3 | E611D/WT | % | 103 | 94.8 | 96.4 | 106 | 91.7 | 108 | 104 | 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 | <0.050 |
| Acenaphthylene | 208-96-8 | E641A/WT | mg/kg | <0.050 | <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 | <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 | <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 | <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 | <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 | <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 | <0.050 |
| Chrysene | 218-01-9 | E641A/WT | mg/kg | <0.050 | <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 | <0.050 |
| Fluoranthene | 206-44-0 | E641A/WT | mg/kg | <0.050 | <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 | <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 | <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 | <0.030 |
| Methylnaphthalene, 1+2- | ---- | E641A/WT | mg/kg | <0.050 | <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 | <0.030 |
| Naphthalene | 91-20-3 | E641A/WT | mg/kg | <0.010 | <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 | 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 | E641AWT | mg/kg | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Pyrene | 129-00-0 | E641AWT | mg/kg | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Polycyclic Aromatic Hydrocarbons Surrogates | | | | | | | | | | | |
| Acridine-d9 | 34749-75-2 | E641AWT | % | 94.6 | 94.7 | 96.7 | 93.9 | 97.3 | 95.1 | 99.3 | |
| Chrysene-d12 | 1719-03-5 | E641AWT | % | 95.6 | 97.2 | 98.3 | 95.6 | 100 | 97.5 | 103 | |
| Naphthalene-d8 | 1146-65-2 | E641AWT | % | 95.7 | 93.5 | 97.3 | 94.4 | 97.6 | 96.5 | 99.0 | |
| Phenanthrene-d10 | 1517-22-2 | E641AWT | % | 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

| | |
|---|---|
| <p>Work Order : WT2331779</p> <p>Client : EnVision Consultants Ltd.</p> <p>Contact : Paul Orchard</p> <p>Address : 6415 Northwest Drive U37-40 Mississauga ON Canada L4V 1X1</p> <p>Telephone : ----</p> <p>Project : 23-0527</p> <p>PO : ----</p> <p>C-O-C number : ----</p> <p>Sampler : KS</p> <p>Site : ----</p> <p>Quote number : 2022 Standing Offer</p> <p>No. of samples received : 7</p> <p>No. of samples analysed : 7</p> | <p>Page : 1 of 18</p> <p>Laboratory : ALS Environmental - Waterloo</p> <p>Account Manager : Emily Hansen</p> <p>Address : 60 Northland Road, Unit 1 Waterloo, Ontario Canada N2V 2B8</p> <p>Telephone : +1 519 886 6910</p> <p>Date Samples Received : 03-Oct-2023 13:15</p> <p>Issue Date : 10-Oct-2023 21:36</p> |
|---|---|

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 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 : 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 | ✔ | |



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 (%) | | |
|--|-----------|----------|-------|---------|---------------|----------|------------|
| | | | QC | Regular | Actual | Expected | Evaluation |
| Analytical Methods | | | | | | | |
| 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 | Method | QC Lot # | Count | | Frequency (%) | | |
|--|-----------|----------|-------|---------|---------------|----------|------------|
| | | | QC | Regular | Actual | Expected | Evaluation |
| <i>Analytical Methods</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) | 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 HNO ₃ and HCl. 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. Analysis is by Collision/Reaction Cell ICPMS. |
| 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 : 0.01CaCl2 - 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 HNO3 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

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

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.

| <i>Signatories</i> | <i>Position</i> | <i>Laboratory Department</i> |
|--------------------|--|--|
| 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 |
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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 | | | | | 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 | ---- |
| Benzo(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 | ---- |

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Work Order : WT2331779
Client : EnVision Consultants Ltd.
Project : 23-0527



Sub-Matrix: **Soil/Solid**

| <i>Analyte</i> | <i>CAS Number</i> | <i>Method</i> | <i>LOR</i> | <i>Unit</i> | <i>Result</i> | <i>Qualifier</i> |
|--|-------------------|---------------|------------|-------------|---------------|------------------|
| 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 (%) | | |
| 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 (%) | | |
| 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

| Analyte | CAS Number | Method | LOR | Unit | Spike | Recovery (%) | Recovery Limits (%) | | Qualifier |
|--|-------------|-----------|-------|-------|----------------|--------------|---------------------|------|-----------|
| | | | | | Concentration | LCS | Low | High | |
| 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 $\geq 1 \times$ spike level.

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 |
| 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 (%) | | Qualifier |
| Laboratory sample ID | Client sample ID | Analyte | CAS Number | Method | Concentration | Target | MS | Low | High | |
| 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 (%) | | Qualifier |
| Laboratory sample ID | Client sample ID | Analyte | CAS Number | Method | Concentration | Target | MS | Low | High | |
| 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:

| Laboratory sample ID | Reference Material ID | Analyte | CAS Number | Method | Reference Material (RM) Report | | | | |
|--|-----------------------|--------------------------------|------------|--------|--------------------------------|-----------------|---------------------|------|-----------|
| | | | | | RM Target Concentration | Recovery (%) RM | Recovery Limits (%) | | Qualifier |
| | | | | | | | 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) | | | | | | | | | |

Page : 23 of 23
 Work Order : WT2331779
 Client : EnVision Consultants Ltd.
 Project : 23-0527



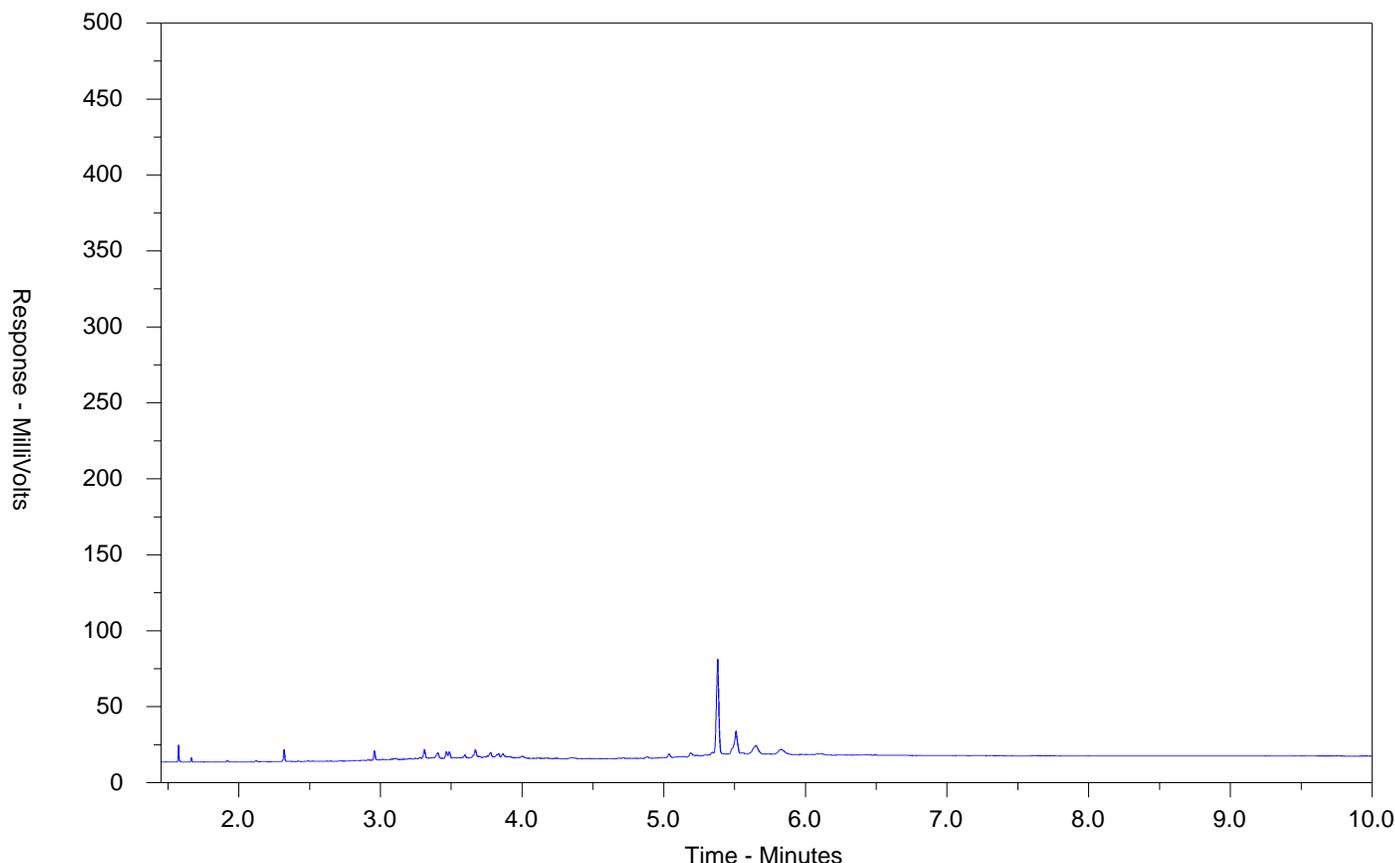
Sub-Matrix:

| Laboratory sample ID | Reference Material ID | Analyte | CAS Number | Method | Reference Material (RM) Report | | | | |
|--|-----------------------|------------------------------|------------|--------|--------------------------------|-----------------|---------------------|------|-----------|
| | | | | | RM Target Concentration | Recovery (%) RM | Recovery Limits (%) | | Qualifier |
| | | | | | | | Low | High | |
| 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.

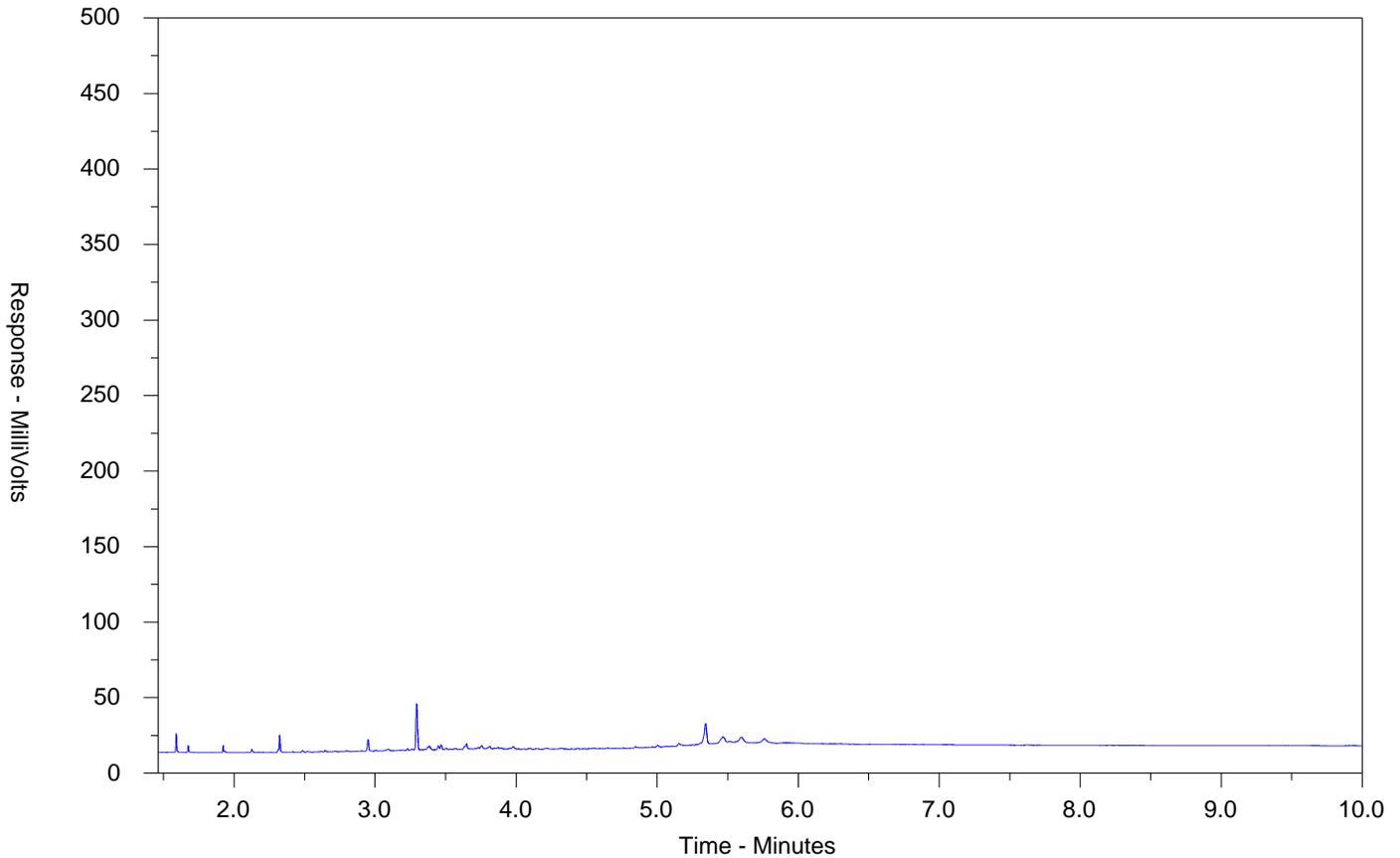
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

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.

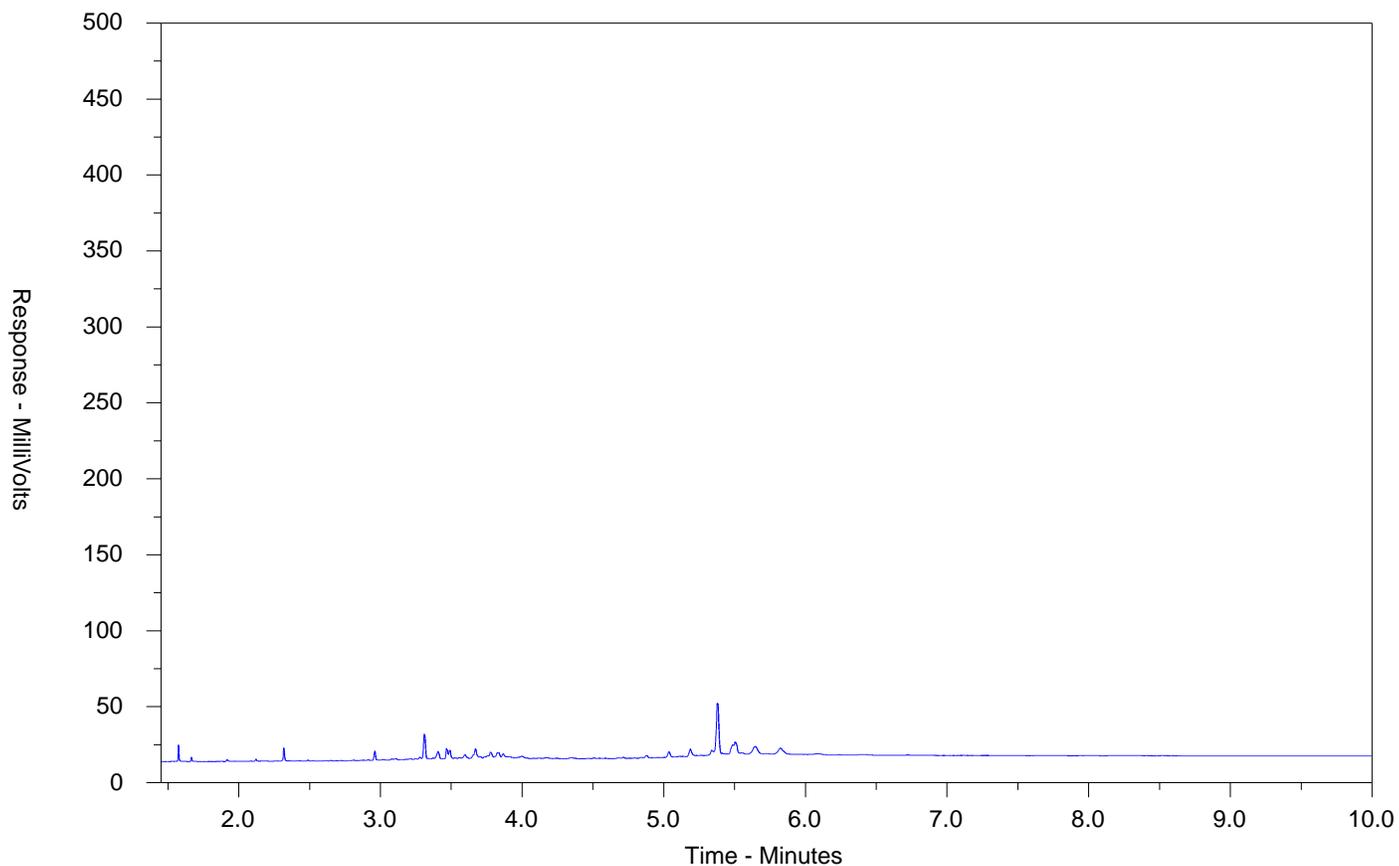
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

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.

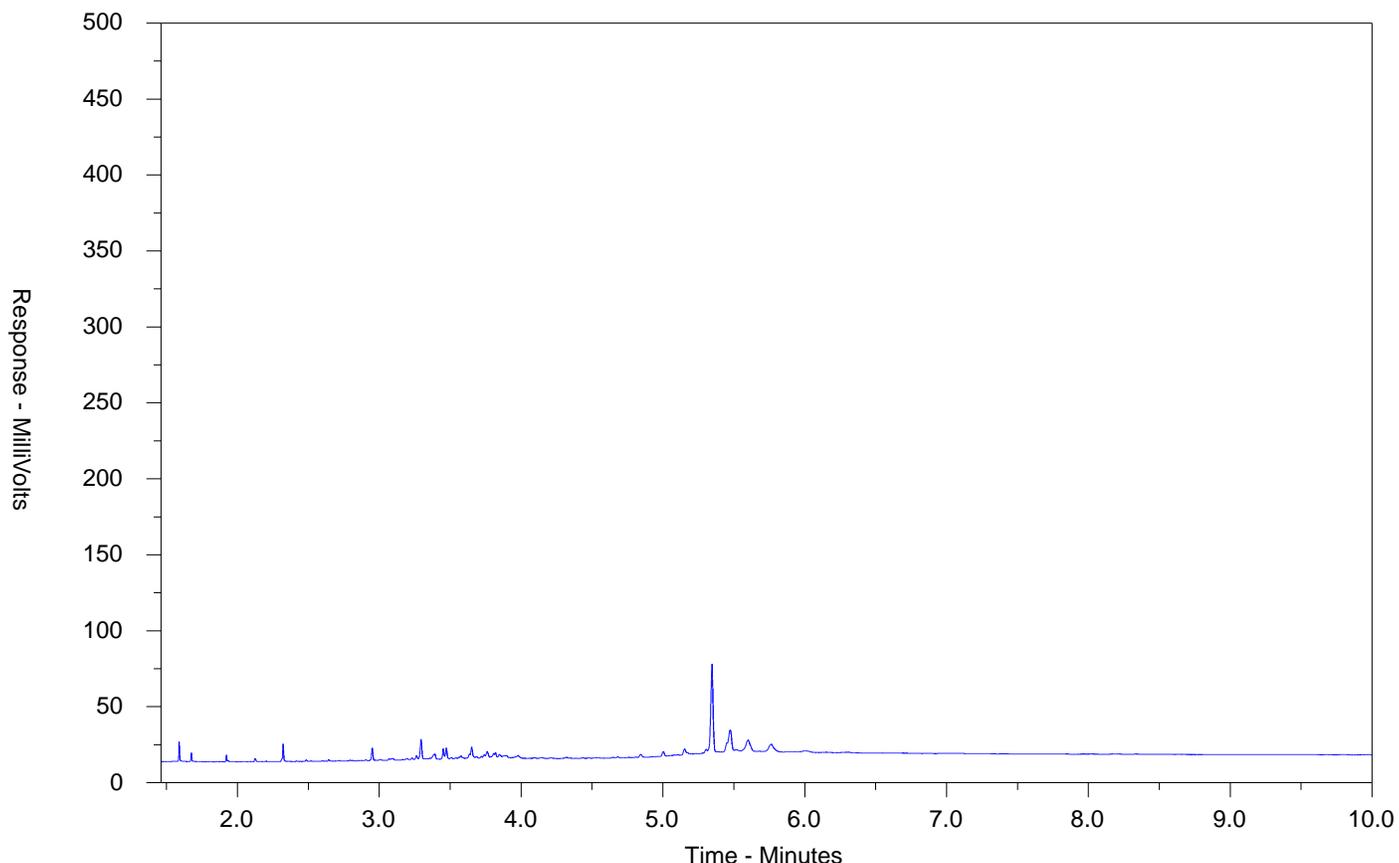
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

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.

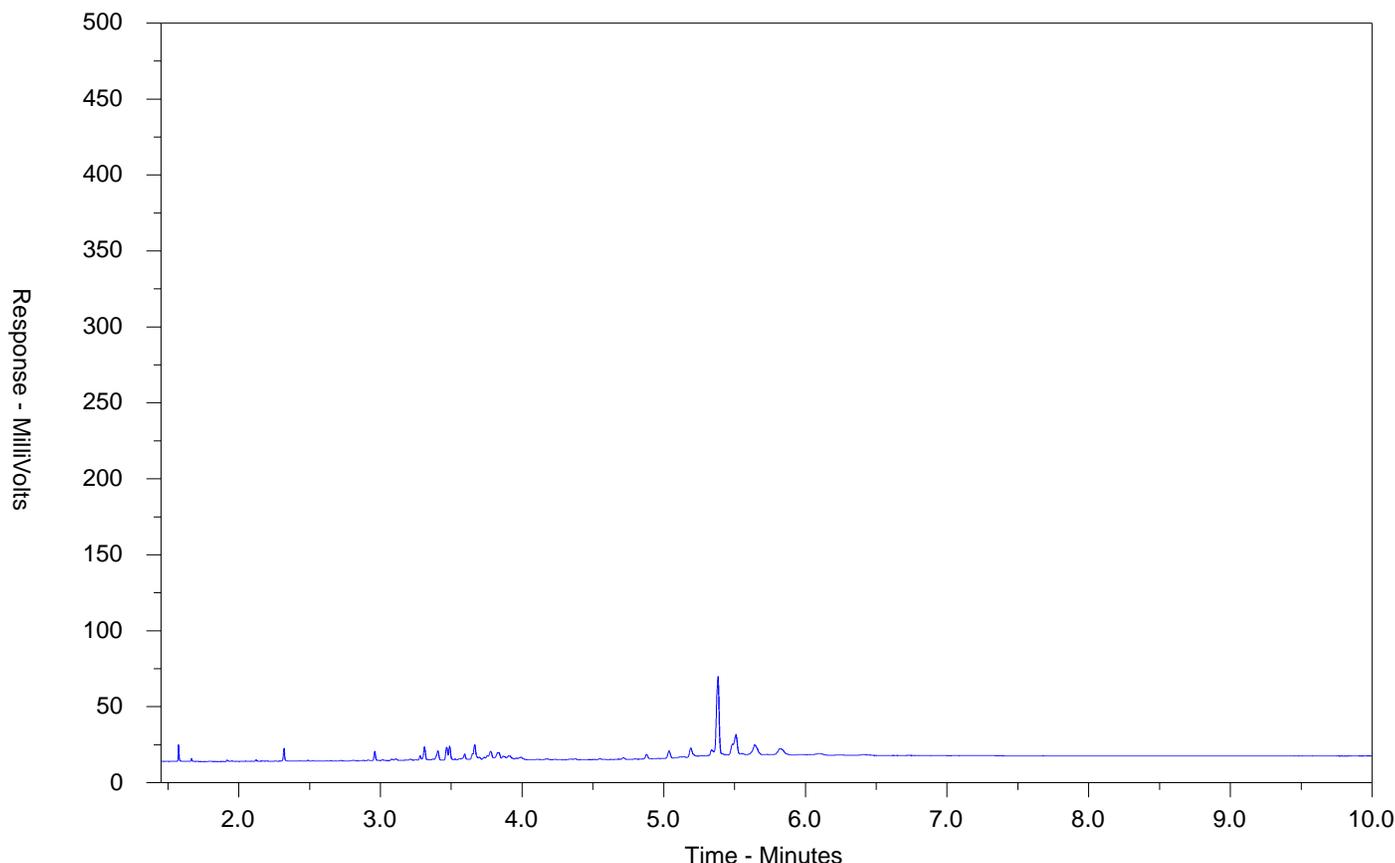
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

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.

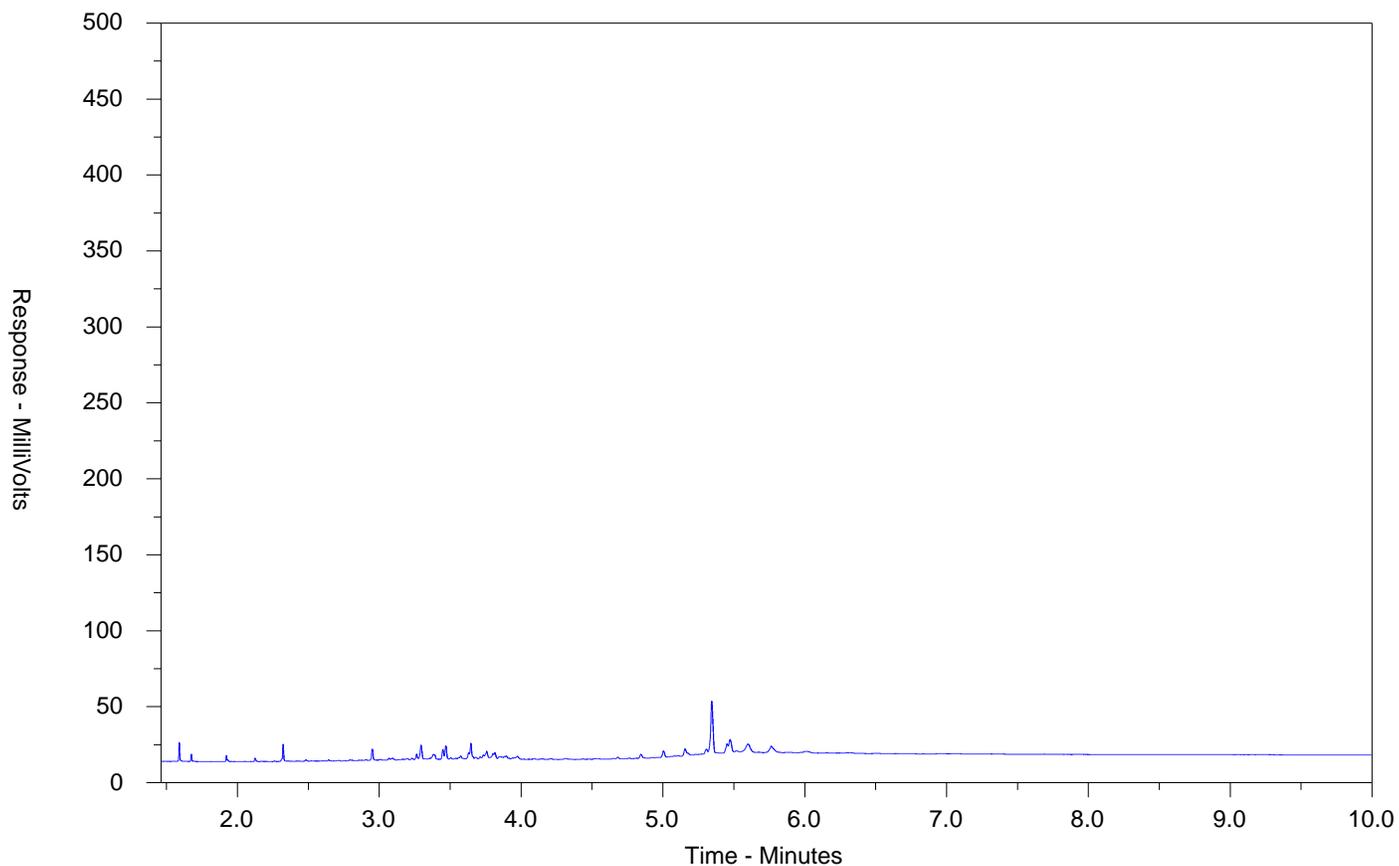
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

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.

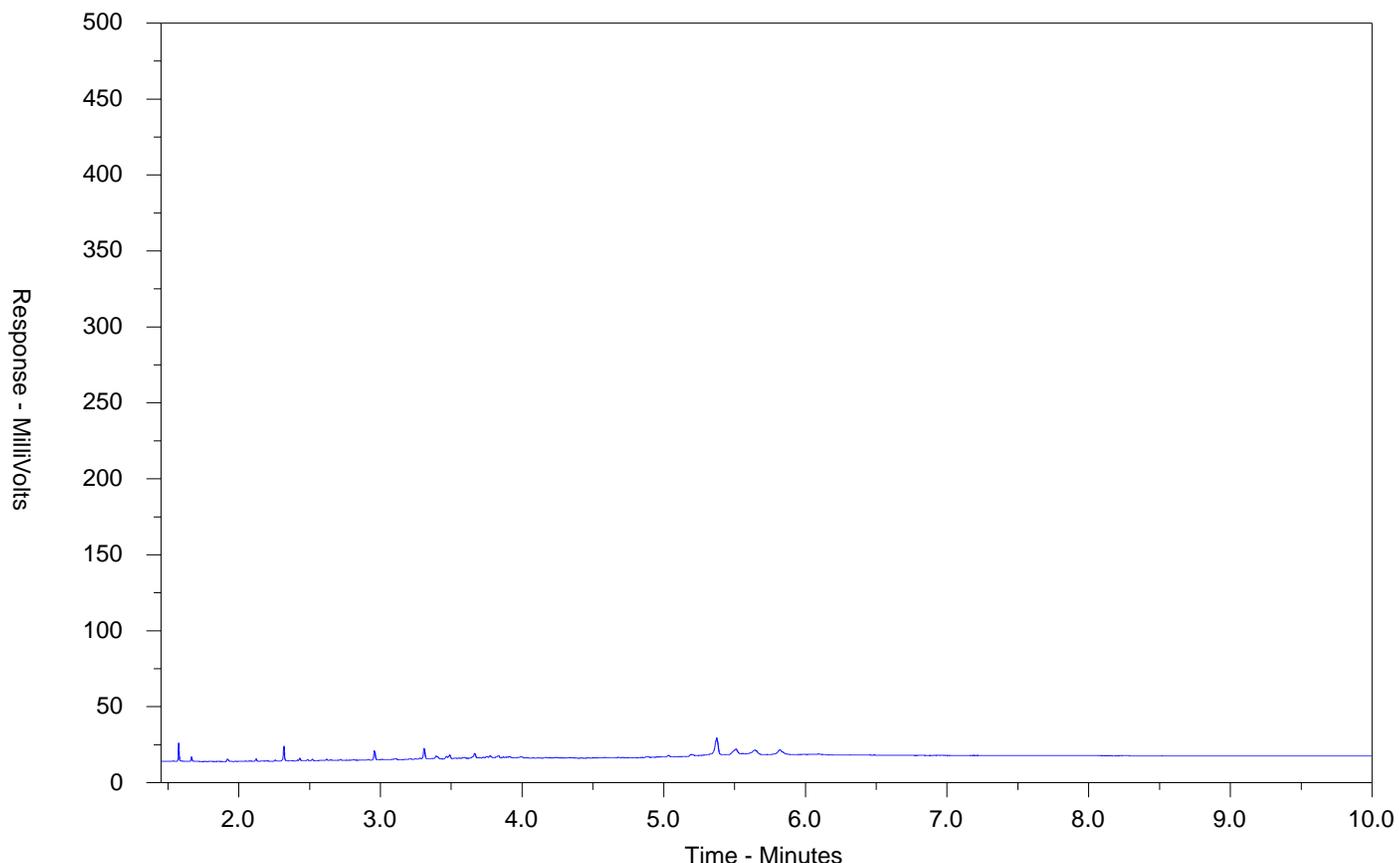
Peak heights in this report are a function of the sample concentration, the sample amount extracted, the sample dilution factor and the scale at the left.

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

Report 10

Contact and company name below will appear on the final report

Company: Envision Consultants Ltd
 Contact: Paul Orford
 Phone: 905-677-0202
 Company address below will appear on the final report
 Street: 40-6415 Northwest Drive
 City/Province: Mississauga/Ontario
 Postal Code: L4V 1X1
 Invoice To: Same as Report To
 Copy of Invoice with Report: YES NO
 Company: Envision Consultants Ltd
 Contact: payables@envisionconsulting.ca

Reports / Recipients
 Select Report Format: PDF EXCEL EDD (DIGITAL)
 Merge QC/QCI Reports with COA: YES NO N/A
 Compare Results to Criteria on Report - provide details below if box checked
 Select Distribution: EMAIL MAIL FAX
 Email 1 or Fax: porchard@envisionconsultants.ca
 Email 2: kserafini@envisionconsultants.ca
 Email 3: shofbauer@envisionconsultants.ca
 Invoice Recipients
 Select Invoice Distribution: EMAIL MAIL FAX
 Email 1 or Fax: payables@envisionconsultants.ca
 Email 2

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 (E2) if received by 10am M-S - 200% rush surcharge ml
 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

Environmental Division
 Waterloo
 Work Order Reference
WT2331779
 Analysis R
 Indicate Filtered (F), Preserved (P) or Filled
 Telephone: +1 519 886 6910

ALS Account # / Quote #: 23-0527
 Job #: 23-0527
 AFE/AFE:
 Major/Minor Code:
 Requisitioner:
 Location:
 ALS Lab Work Order # (ALS use only):

Oil and Gas Required Fields (client use)
 AFE/Cost Center:
 Major/Minor Code:
 Requisitioner:
 Location:
 ALS Contact:
 POC#
 Routing Code:

| ALS Sample # (ALS use only) | Sample Identification and/or Coordinates (This description will appear on the report) | Date (dd-mm-yy) | Time (hh:mm) | Sampler | KS | Sample Type |
|-----------------------------|---|-----------------|--------------|---------|----|-------------|
| | T023-10 | 2-Oct-23 | 9:20 | | | Soil |
| | T023-7 | 2-Oct-23 | 9:45 | | | Soil |
| | T023-4 | 2-Oct-23 | 9:25 | | | Soil |
| | T023-12 | 2-Oct-23 | 9:35 | | | Soil |
| | T023-09 | 2-Oct-23 | 11:05 | | | Soil |
| | T023-19 | 2-Oct-23 | 10:40 | | | Soil |
| | S23-1 | 2-Oct-23 | | | | Soil |

| NUMBER OF CONTAINERS | | | | | | |
|------------------------|---|---|---|---|---|--|
| | 4 | X | X | X | X | |
| Oreg 153 Metals & ORPs | | | | | | |
| Oreg 153 PHCs and BTEX | | | | | | |
| Oreg 153 PAHs | | | | | | |
| Oreg 153 VOCs | | | | | | |

Drinking Water (DW) Samples (client use)
 The samples taken from a Regulated DW System?
 YES NO
 Are samples for human consumption/ use?
 YES NO
 Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)
 O.Reg 716/19 TQ.1 RPI

SAMPLE RECEIPT DETAILS (ALS use only)
 Cooling Method: NONE ICE ICE PACKS FROZEN COOLING INITIATED
 Submission Comments identified on Sample Receipt Notification: YES NO
 Cooler Custody Seals Intact: YES N/A Sample Custody Seals Intact: YES N/A
 INITIAL COOLER TEMPERATURES °C: 5.3 4.9
 FINAL COOLER TEMPERATURES °C: -0.3 -0.4

Released by: Kyle Serafini Date: 2023-10-03 Time: 12:30
 INITIAL SHIPMENT RECEPTION (ALS use only) Received by: AM Date: 10/03/2023 Time: 13:15
 FINAL SHIPMENT RECEPTION (ALS use only) Received by: AH Date: 2023-10-03 Time: 6:00
 WHITE - LABORATORY COPY YELLOW - CLIENT COPY
 VS-260 SN



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).