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E2892

JUNE 2020

**PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT
420 LAKESHORE ROAD EAST
MISSISSAUGA, ONTARIO**

DISTRIBUTION:

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PREPARED FOR:

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TABLES

Table 1	Table of Areas of Potential Environmental Concern
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APPENDICES

Appendix A	Legal Survey
Appendix B	ERIS Ecolog Report
Appendix C	Site Photographs

ABBREVIATIONS

ABN	Acid/base/neutral Compounds
APEC	Area of Potential Environmental Concern
AST	Aboveground Storage Tank
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CALA	Canadian Association for Laboratory Accreditation
C of A	Certificate of Approval
COC	Contaminant of Concern
CSM	Conceptual Site Model
CP	Chlorophenols

EASR	Environmental Activity Site Registration
EC	Electrical Conductivity
ECA	Environmental Compliance Approval
ESA	Environmental Site Assessment
mbgs	Meters Below Ground Surface
MCR	McClymont and Rak Engineers Inc.
MECP	Ministry of Environment, Conservation and Parks
OBM	Ontario Base Map
OCP	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PCA	Potentially Contaminating Activities
PCB	Polychlorinated Biphenyls
PHC	Petroleum Hydrocarbons
PIN	Property Identification Number
QA/QC	Quality Assurance/Quality Control
RPI	Residential/Parkland/Institutional Property Use
RSC	Record of Site Condition
SAR	Sodium Adsorption Ratio
SCS	Site Condition Standards
UST	Underground Storage Tank
VOC	Volatile Organic Compound
VSA	Verification Sample

1.0 EXECUTIVE SUMMARY

420 Lakeshore Management Inc. (the Client) retained McClymont & Rak Engineers Inc. (MCR) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 420 Lakeshore Road East, in the City of Mississauga (hereafter referred to as 'the Site'), in accordance with Ontario Regulation (O.Reg.) 153/04, as amended. The Phase One ESA was prepared in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended, and is intended to support the filing of a Record of Site Condition (RSC) with the Ministry of Environment, Conservation and Parks (MECP). The purpose of this assessment was to identify actual or potential sources of subsurface contamination.

Methodology for the Phase One ESA followed Table 1 - Mandatory Requirements for Phase One ESA Reports of the Environmental Protection Act. The assessment included a visual examination of the Site, interview, a review of land use history and a search of public records for the area to determine activities that may have been a source of contamination.

The Site is located on the southwest corner of Lakeshore Road East and Enola Avenue, in the City of Mississauga. The Phase One Study Area, delineated by a 250 m radius surrounding the Site, is part of a commercial and institutional development area. The following PCAs were identified for the Phase One Study Area:

Off-site:

- **PCA 1: Gasoline and Associated Products in Fixed Tanks.** Gasoline service stations were located north of the Site at 347, 411, 415, 452 Lakeshore Road East. The closest was 25 m northwest of the Site.
- **PCA 2: Commercial Auto Body Shops.** A former service station/auto service garage at 411 Lakeshore Road East, located 25 m northwest of the Site. An auto service garage had operated at 452 Lakeshore Road East since at least 1958.
- **PCA 3: Gasoline and Associated Products in Fixed Tanks.** A spill was identified at 406 Lakeshore Road East, located immediately west of the Site, consisting of diesel fuel tank barrel leaks that had possible soil contamination in 2004.
- **PCA 4: Gasoline and Associated Products in Fixed Tanks.** A gasoline service station is located 35 m east of the Site at 456 Lakeshore Road East.

- **PCA 5: Electronic and Computer Equipment Manufacturing.** “Canadian Admiral Corps. Ltd. Radio & Television Assembly”, was identified on FIPs as being located northwest of the Site at 467 Lakeshore Road East.

These PCAs could lead to the following areas of potential environmental concern at the Site:

- **APEC 1: Northern Property Boundary.** Gasoline service stations were located north of the Site at 347, 411, 415, 452 Lakeshore Road East. The closest was 25 m northwest of the Site. A former service station/auto service garage at 411 Lakeshore Road East, located 25 m northwest of the Site. An auto service garage had operated at 452 Lakeshore Road East since at least 1958.
- **APEC 2: Southwestern Portion of Site.** A spill was identified at 406 Lakeshore Road East, located immediately west of the Site, consisting of diesel fuel tank barrel leaks that had possible soil contamination in 2004.
- **APEC 3: Eastern Property Boundary.** A gasoline service station is located 35 m east of the Site at 456 Lakeshore Road East. “Canadian Admiral Corps. Ltd. Radio & Television Assembly”, was identified on FIPs as being located northwest of the Site at 467 Lakeshore Road East.

Based on the findings of this Phase One ESA, further environmental investigation is required for the Site at this time in order to file for a Record of Site Condition (RSC).

2.0 INTRODUCTION

420 Lakeshore Management Inc. (the Client) retained McClymont & Rak Engineers Inc. (MCR) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 420 Lakeshore Road East, in the City of Mississauga (hereafter referred to as 'the Site'), in accordance with Ontario Regulation (O.Reg.) 153/04, as amended. The Phase One ESA was prepared in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended, and is intended to support the filing of a Record of Site Condition (RSC) with the Ministry of Environment, Conservation and Parks (MECP). The purpose of this assessment was to identify actual or potential sources of subsurface contamination.

Methodology for the Phase One ESA followed Table 1 - Mandatory Requirements for Phase One ESA Reports of the Environmental Protection Act. The assessment included a visual examination of the Site, interview, a review of land use history and a search of public records for the area to determine activities that may have been a source of contamination.

2.1 Phase One Property Information

The Site is legally described as Part of Lot 12, Concession 3, South of Dundas Street, City of Mississauga, Regional Municipality of Peel. The Legal Survey is provided in Appendix A. The municipal address for the Site is 420 Lakeshore Road East, Mississauga, Ontario. The Site is located on the southwest corner of Lakeshore Road East and Enola Avenue, in the City of Mississauga (see Figure 1). The Site has an irregular shape with an area of approximately 3,751 m² and is currently developed with a commercial building.

The Client representative contact information is provided below:

Mr. Jonathan Marmer
420 Lakeshore Management Inc.
10 Wanless Avenue, Suite 201
Toronto, Ontario
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Phone: (416) 481-2222
Email: jmarmer@plazacorp.com

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase One ESA included, but was not limited to, the following:

- Reviews of:
 - Fire Insurance Plans,
 - City directories,
 - A Title Search,
 - Previous environmental reports,
 - Aerial photographs,
 - Topographic, soil, geological and land use maps, and
 - Municipal, provincial and federal records;
- Interviews with relevant personnel involved with the Site;
- An inspection of the Site and surrounding area;
- Review and evaluation of the information gathered; and
- Preparation of this report containing relevant data, conclusions, and recommendations.

4.0 RECORDS REVIEW

4.1 General Information

4.1.1 Phase One Study Area

The Phase One Study Area was determined to include the Site and all properties within a 250 m radius of the Site (see Figure 2). From the records review, it was determined that there are no properties outside the required 250 m from the property boundary of the Site that need to be included in this Phase One ESA.

4.1.2 First Developed Use

The records review indicates the first developed use of the Site was for commercial use between 1952 and 1954, with the present-day building.

4.1.3 Fire Insurance Plans

MCR contracted Environmental Risk Information Services Ltd. (Ecolog) to search for FIPs and Ecolog provided an FIP for 1952. The following notable information was gleaned from the FIPs:

- **1952:** The Site is undeveloped. The Phase One Study Area is largely

residential. Notable surrounding properties include:

- A gasoline service station northwest of the Site at 347 Lakeshore, with two USTs.
- A gasoline service station with three USTs located at 415 Lakeshore, north of the Site.
- “Canadian Admiral Corps. Ltd. Radio & Television Assembly”, located northwest of the Site at 467 Lakeshore.
- A gasoline service station with two USTs located northeast of the Site at 484 Lakeshore.

4.1.4 Chain of Title

A full title search was not completed as the history of the Site could be obtained from other sources, indicating the Site has been commercial since first use.

4.1.5 City Directories

MCR contacted Environmental Risk Information Services Ltd. (Ecolog) to search city directories for the Phase One Study Area from the 1880s to 2000. Ecolog was not able to provide city directories due to Covid-19 library restrictions.

4.1.6 Environmental Reports

The following reports for the Site and Phase One Study Area were available as part of the records review and are summarized below:

“Phase One Environmental Site Assessment: 420 Lakeshore Road East, Mississauga, Ontario”, dated April 5, 2018. Prepared by Colestar Environmental Inc. Prepared for Stellarcorp Developments 420 Inc.

- The Phase One investigation was for the entire Site.
- The groundwater flow direction was identified as east to southeast, due to the identification of an RSC at 501 Lakeshore Road East (47 m north of the Site).
- The Site was identified as being developed in 1953 with the present-day building.
- The following PCAs were identified:
 - A service station with three gasoline USTs was present at 456 Lakeshore Road East, 20 m northeast of the Site. This was identified in city directories, FIPs and aerial photos. The gas station was present since 1953.
 - An auto service garage was present at 452 Lakeshore Road East,

approximately 25 m northwest of the Site. This was identified in city directories. The auto service garage had operated at this location since at least 1958.

- A former service station/auto service garage at 411 Lakeshore Road East, located 25 m northwest of the Site. This was identified on FIPs, city directories and aerial photos.
- A former manufacturing plant was present at 501 to 515 Lakeshore Road East, approximately 45 m north of the Site.

“Phase Two Environmental Site Assessment: 420 Lakeshore Road East, Mississauga, Ontario”, dated April 20, 2018. Prepared by Colestar Environmental Inc. Prepared for Stellarcorp Developments 420 Inc.

- Two APECs were investigated as part of the Phase Two:
 - The northwest portion of the Site due to off-site service stations and auto garages.
 - The northeast portion of the Site due to an off-site service station.
- Three boreholes were drilled on the Site, all installed as monitoring wells.
- Groundwater was encountered at 3.6 to 4.1 mbgs.
- The soil stratigraphy consisted of sand and gravel fill underlain by sand, with clay till and then shale bedrock below.
- Soil samples were submitted for analysis of VOCs, PHCs, metals and inorganics and PAHs. All samples met applicable standards with the exceptions of electronic conductivity and sodium adsorption ratio. These exceedances would no longer be retained in 2020 due to being related to normal de-icing activities.
- Groundwater samples were submitted for VOCs, PHCs, metals and PAHs. All samples met applicable standards.

4.1.7 Other Records

A Google Street Search dated August 2018 confirmed the land use of the Site and adjoining properties.

4.2 Environmental Source Information

An inquiry was sent to the Ontario MECP, Freedom of Information Office, with regard to records of the Site, in May 2020. A response was not received prior to publication. Any notable response received will be forwarded to the client.

Technical Standards and Safety Authority (TSSA) registers underground storage

tanks (USTs) since 1987. An inquiry was sent to the TSSA with regard to records of the Site, in May 2020. A response was not received prior to publication. Any notable response received will be forwarded to the client.

4.2.1 MECP Notices, Instruments and Reports

MCR contracted Ecolog to search any available federal, provincial or private databases for the Phase One Study Area. Appendix B contains the Ecolog Report. No notable records were identified within the Phase One Study Area.

4.2.2 Databases

- A review by Ecolog of the National Pollutant Release Inventory found no notable records within the Phase One Study Area.
- A review by Ecolog of the National PCB Inventory and Ontario Inventory of PCB Storage Sites found no notable records within the Phase One Study Area.
- A review by Ecolog of the Inventory of Coal Gasification Plant Waste Sites in Ontario (1987) found no notable records within the Phase One Study Area.
- A review by Ecolog of the Ontario Regulation 347 Waste Generators found the following notable records within the Phase One Study Area:
 - A photo shop was present in the Dominion grocery store at 406 Lakeshore Road East, with records for photoprocessing wastes in the 1990s and 2000s.
- A review by Ecolog of the Commercial Fuel Tanks Directory, List of TSSA Expired Facilities database, TSSA Fuel Storage Tank database, the Historic TSSA database, Anderson's Storage Tanks database, Transport Canada Fuel Storage Tanks database and the Retail Fuel Storage Tanks database found no records for the Site. Records for the Phase One Study Area were:
 - Fuel tanks related to a gasoline service station was located at 456 Lakeshore Road East.
 - A gasoline service station had records at 364 Lakeshore Road East, 160 m southwest of the Site.
- A review by Ecolog of the MECP's Waste Disposal Site Inventory (June 1991) found no records within the Phase One Study Area.
- A review by Ecolog of the MECP's Inventory for Industrial Sites Producing or Using Coal Tar and Related Tars (1988) found no notable records within the Phase One Study Area.
- A review by Ecolog of the National Environmental Emergency System found no notable records within the Phase One Study Area.
- A review by Ecolog of the Ontario Spills Action Centre and TSSA Incidents

databases found no liquid spill records for the Site. A spill was identified at 406 Lakeshore Road East, located immediately west of the Site, consisting of diesel fuel tank barrel leaks that had possible soil contamination in 2004.

- A review by Ecolog of the Waste Disposal Sites database found no notable records within the Phase One Study Area:
- A review by Ecolog of the Scott’s Manufacturing Directory found no notable records within the Phase One Study Area.
- A review of the Pesticide Register database found records for the Metro store, immediately west of the Site.

4.3 Physical Setting

4.3.1 Aerial Photographs

Aerial photographs were viewed online, using the Mississauga Maps database. An aerial photograph for every available decade was reviewed as this was deemed to be a reasonable search effort. Additional photos, where available, were reviewed where a change in property use required more information. The following notable information was gleaned from the photographs:

Date	Source	Site	Phase One Study Area
1954	Mississauga Maps	Parking lot and building (similar footprint to today). Presence of an additional building at the southeast portion of the Site (immediately east of current building)	Residential properties
1963, 1977, 1989, 1997, 2007, 2019		No notable changes	Additional commercial and residential development

4.3.2 Topography

Regional and local topography are summarized in Sections 4.3.2.1 and 4.3.2.2, respectively.

4.3.2.1 Regional Topography

The topography of the region surrounding the Phase One Study Area, as shown in Figure 1, slopes south towards Lake Ontario, located 400 m south of the Site.

4.3.2.1 Local Topography

On a local scale, according to the topographic information shown on Figure 1, Phase One Study Area grades towards the south to Lake Ontario, located 400 m south of the Site. The Site and general vicinity slopes to the south. The Site is currently graded to approximately 80 masl based on available engineering drawings.

4.3.3 Geology and Hydrogeology

Regional and local geology and hydrogeology are summarized in Sections 4.3.3.1 and 4.3.3.2, respectively.

4.3.3.1 Regional Geology and Hydrogeology

The bedrock formation of the region is shale, limestone, dolostone and siltstone from the Georgian Bay formation. The surficial formations consist mainly of sedimentary lacustrine deposits. According to a Quaternary Geology Map of Southern Ontario (Ministry of Northern Development and Mines, 1990), the subsurface soils in the Phase One Study Area are sequences of clayey and sandy silt tills. It should be noted that the subsurface soil, rock and groundwater conditions assumed represent generalized conditions only, and should not be considered site-specific.

The Phase One Study Area is in the Lake Ontario Shoreline East Subwatershed, which drains to Lake Ontario located 400 m south of the Site. It is expected that the groundwater flow at a regional scale would follow should be directed toward the south.

4.3.3.2 Local Geology and Hydrogeology

On a local scale, geological conditions and hydrogeology are similar to the ones at a regional scale. The groundwater table can be influenced by nearby subsurface water bodies, subsurface utilities, or structures as well as by historical fill/redevelopment works, and can be best confirmed through long-term monitoring.

Bedrock for the Phase One Study Area is estimated to be at a depth of 1-3 mbgs as identified in the previous Phase Two ESA (see Section 4.1.6).

4.3.4 Fill Materials

The records review indicates the Site is underlain by fill, as identified in the previous

Phase Two ESA (see Section 4.1.6).

4.3.5 Water Bodies and Areas of Natural Significance

The nearest surface water body to the Site is Cooksville Creek, located 300 m east of the Site. The nearest downgradient water body to the Site is Lake Ontario, located 400 m south of the Site. There are no areas of natural significance in the Phase One Study Area based on a review of the City of Mississauga Interactive Maps as well as the Ontario Natural Heritage Information Centre Maps.

4.3.6 Well Records

There are no records of potable drinking wells on the Site. The Phase One Study Area is part of the Greater Toronto Area which obtains its drinking water from Lake Ontario and does not rely on groundwater. Well records for within the Phase One Study Area are included in the Ecolog report, provided in Appendix C.

4.4 Site Operating Records

No site operating records were available for review.

5.0 INTERVIEWS

Mr. Garth Robertson was interviewed in person on, May 26, 2020. Mr. Robertson is the current manager of the Beer Store onsite and is familiar with daily operations. Information gleaned from the interview was incorporated in the report. All notable information provided corroborated with information obtained from other sources such as the site visit and records review. Key information provided by the interview includes:

- No underground or aboveground storage tanks or chemical storage was known to be historically or currently present on the Site.
- No bulk chemical storage has occurred at the Site.
- No spills or floods are known to have occurred on the Site.
- The Site was originally heated with coal but Mr. Robinson is not sure when it was converted to the natural gas system that is currently in use.
- Mr. Robinson was not aware of any other potential for contamination on the Site.

6.0 SITE RECONNAISSANCE

6.1 General Information

A reconnaissance of the Site and surroundings was completed by MCR staff (Mr. Michael Hozjan) for evaluating potential environmental risk factors. The Site visit took place on May 26, 2020, from 1:00 pm to 2:00 pm. The Site visit was both internal and external with a review of surrounding properties. The weather was sunny, with temperatures around 25°C. Photographs are provided in Appendix C.

6.2 Specific Observations at the Site

The Site has a rectangular shape with an area of approximately 4,590 m² and is currently developed with one commercial buildings. The following features were encountered on the Site:

- A single storey commercial Beer Store building present at 420 Lakeshore Road East on the south western portion of the Site, with an area of approximately 595 m², occupying 13% of the Site.
- An asphalt parking area on the northern portion of the Site with an area of approximately 2,215 m², occupying 48% of the Site.
- Miscellaneous landscaping, walkways, driveways and natural areas, occupying approximately 1,780 m² or the remaining 39% of the Site.

The following observations were made with regard to the Site inspection:

- No unidentified substances, corrosion, staining or any other notable features were observed at the Site.
- All asphalt appeared in good condition.
- All concrete flooring, including the storage room, appeared in good condition.
- No areas of stressed vegetation were identified on the Site.
- There was no evidence of underground storage tanks, chemicals, or designated substances on the Site.
- Evidence of historic use and coal for heating present in the boiler room. Location of coal storage could not be discerned in buildings current condition
- A hydraulic lift is present in the south eastern portion of the on-site building.
- No natural water courses or features, standing water or ditches were noted on any of the Site portions.
- The Site grading was sloped to the south.

6.3 Enhanced Investigation Property

As stated in Schedule D, Section 13(3) of O.Reg.153/04, an enhanced investigation is required when the subject Site is currently used in whole or in part for an industrial use or as garage, a bulk liquid dispensing facility or operating dry cleaning equipment. Schedule D, Section 13(4) of O.Reg.153/04, discusses the requirements for site inspection where the Site was historically used for one of these purposes.

The Site is not currently being used for any of the above stated purposes and as such is not considered an Enhanced Investigation Property.

6.4 Written Description of Inspection

The Site was inspected on May 26, 2020 which included all exterior spaces, buildings, mechanical rooms, storage rooms and basements. No portion of the Site was restricted or inaccessible during the Site visit. Photographs were taken throughout the Site (as provided in Appendix C) and any relevant observations were recorded.

6.5 Observations of Adjoining Properties

The Site is located on the southwest corner of the intersection of Lakeshore Road East and Enola Avenue, in the City of Mississauga (see Figure 2):

North: An active construction Site, an auto garage and a residential apartment building are all present to the north of the Site along Lakeshore Road East.

East: A Gas Station is present immediately east of the Site at 456 Lakeshore Road East.

South: A residential development consisting of detached single-family dwellings.

West: A commercial development immediately west of the Site consisting of several businesses including a Dry Cleaner at 386 Lakeshore Road East.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

The records review indicates the first developed use of the Site was commercial use with the present-day building. The Site is presently under use as a Beer Store.

7.2 Potentially Contaminating Activities

The following PCAs, identified based on the overall history and use of the Site and surrounding area, have the potential to impact the soil and/or groundwater beneath the Site (see Figure 3):

- **PCA 1: Gasoline and Associated Products in Fixed Tanks.** Gasoline service stations were located north of the Site at 347, 411, 415, 452 Lakeshore Road East. The closest was 25 m northwest of the Site.
- **PCA 2: Commercial Auto Body Shops.** A former service station/auto service garage at 411 Lakeshore Road East, located 25 m northwest of the Site. An auto service garage had operated at 452 Lakeshore Road East since at least 1958.
- **PCA 3: Gasoline and Associated Products in Fixed Tanks.** A spill was identified at 406 Lakeshore Road East, located immediately west of the Site, consisting of diesel fuel tank barrel leaks that had possible soil contamination in 2004.
- **PCA 4: Gasoline and Associated Products in Fixed Tanks.** A gasoline service station is located 35 m east of the Site at 456 Lakeshore Road East.
- **PCA 5: Electronic and Computer Equipment Manufacturing.** “Canadian Admiral Corps. Ltd. Radio & Television Assembly”, was identified on FIPs as being located northwest of the Site at 467 Lakeshore Road East.

7.3 Areas of Potential Environmental Concern

Based on the finding of this Phase One ESA, MCR concludes that there are the following areas of potential environmental concern (APECs) associated with the Site that indicate potential for contamination in the soil or groundwater beneath the Site:

- **APEC 1: Northern Property Boundary.** Gasoline service stations were located north of the Site at 347, 411, 415, 452 Lakeshore Road East. The closest was 25 m northwest of the Site. A former service station/auto service

garage at 411 Lakeshore Road East, located 25 m northwest of the Site. An auto service garage had operated at 452 Lakeshore Road East since at least 1958.

- **APEC 2: Southwestern Portion of Site.** A spill was identified at 406 Lakeshore Road East, located immediately west of the Site, consisting of diesel fuel tank barrel leaks that had possible soil contamination in 2004.
- **APEC 3: Eastern Property Boundary.** A gasoline service station is located 35 m east of the Site at 456 Lakeshore Road East. “Canadian Admiral Corps. Ltd. Radio & Television Assembly”, was identified on FIPs as being located northwest of the Site at 467 Lakeshore Road East.

7.4 Phase One Conceptual Site Model

The Site is located on the southwest corner of Lakeshore Road East and Enola Avenue, in the City of Mississauga (Figure 1). Table 1 describes the PCAs, identified based on the overall history of the Site and surrounding area, that have the potential to impact the soil and/or groundwater beneath the Site (See Figure 3).

7.4.1 Uncertainties Affecting the Validity of the Phase One ESA

The Phase One ESA obtained supporting background information from various sources including: aerial photographs, City directories, property title search, interviews, site reconnaissance, etc. Each of these information sources was thoroughly examined and there is no indication of uncertainty with any of these sources that would invalidate the Phase One Conceptual Site Model.

8.0 CONCLUSIONS

8.1 Further Environmental Investigation

The objective of this assessment was to document current conditions of the Site and flag potential environmental issues associated with its suitability for development. The work included a review of historical uses of the Site and its surrounding area, as well as a visual inspection of the Site and vicinity.

Based on the findings of this Phase One ESA, further environmental investigation is warranted for the Site.

8.2 Phase Two ESA Requirement

As stated in Section 32 (1) of O.Reg.153/04, a Phase Two ESA is required prior to filing an RSC when the subject Site is used or has ever been used in whole or in part for an industrial use, as garage, a bulk liquid dispensing facility or operating dry cleaning equipment. Since the Site has never been used for any of these activities, this requirement does not apply.

8.3 Record of Site Condition

A Record of Site Condition (RSC) cannot be obtained for the Site without a Phase Two ESA at this time.

9.0 SIGNATURES

MCR is a firm involved in environmental, geotechnical, and materials testing engineering. The Toronto office of MCR, which is one hundred percent Canadian owned, has a proven track record of successfully completing environmental projects since 1982. The following persons were involved with the environmental assessment for the subject Site:

- Mr. Lad J. Rak, M. Eng., P. Eng., Vice President for MCR, has over thirty years of experience in conducting environmental assessments and remediation projects.
- Ms. Reese McMillan, M.Sc., has over nine years of experience in conducting environmental assessments and investigations.

Respectfully,
McClymont & Rak Engineers Inc.



Reese McMillan, M.Sc.



Lad J. Rak, M.Eng., P.Eng.

Date of Issue: June 1, 2020

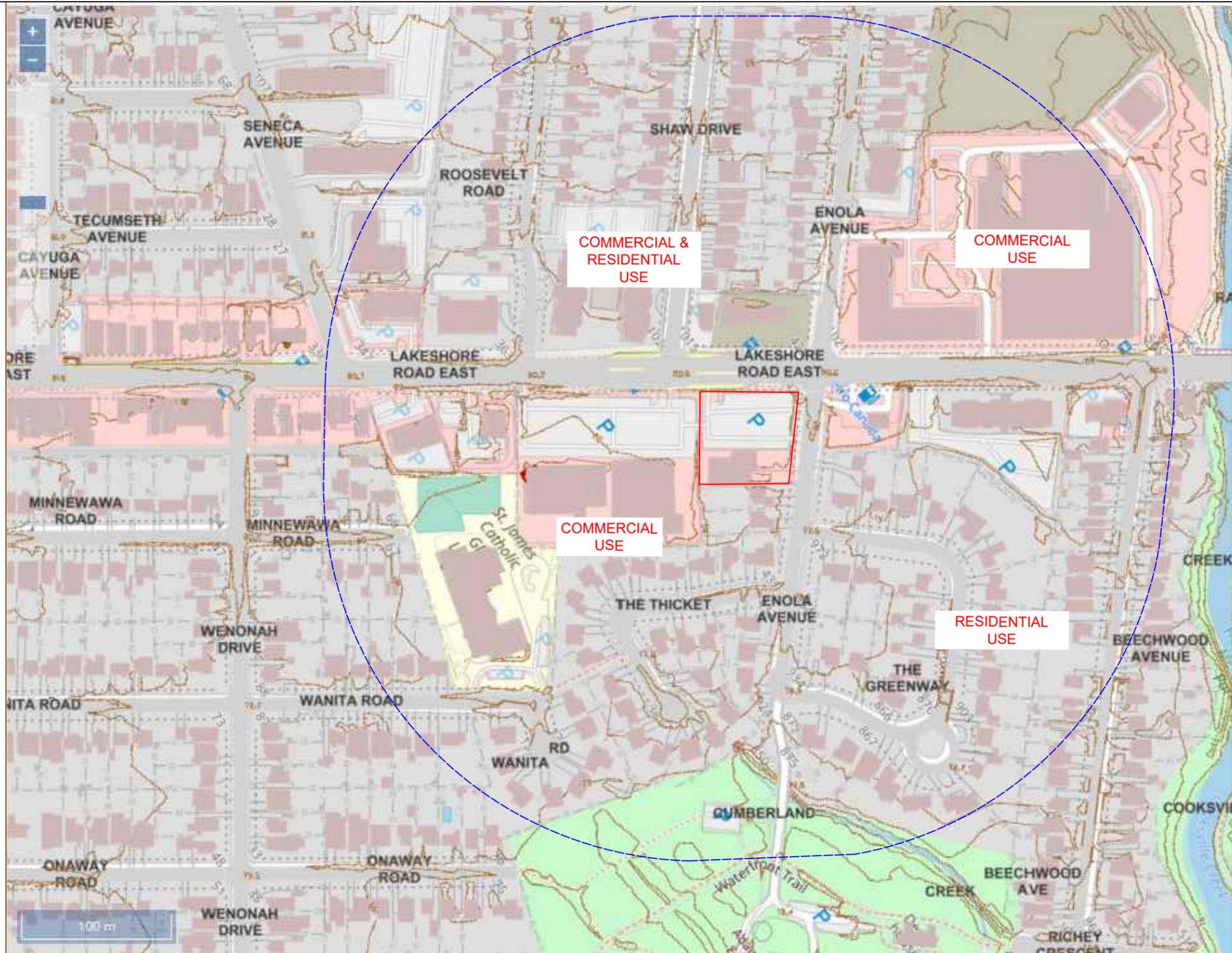
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1. Chapman and Putnam. *The Physiography of Southern Ontario*, 1984.
2. Colestar Environmental Inc. "Phase One Environmental Site Assessment: 420 Lakeshore Road East, Mississauga, Ontario", dated April 5, 2018.
3. Colestar Environmental Inc. "Phase Two Environmental Site Assessment: 420 Lakeshore Road East, Mississauga, Ontario", dated April 20, 2018.
4. Ontario Ministry of Environment (MOE), 2011. *Soil, Ground Water, and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act*, 15 April 2011.
5. ERIS EcoLog Report, dated May 19, 2020.
6. Ministry of Northern Development and Mines. *Bedrock Geology of Ontario*, Sheet Map 2544, 1991.
7. Ministry of Northern Development and Mines. *Quaternary Geology. Toronto and Surrounding Area*, Sheet Map 2204, 1990.
8. Ministry of Northern Development and Mines. *Quaternary Geology of Toronto and Southern Ontario*, Sheet Map 2441, 1979.
9. Topographic Map: Natural Resources Canada, *Atlas of Canada – 1991* (<http://atlas.gc.ca/toporama/en/index.html>).

STATEMENT OF LIMITATIONS

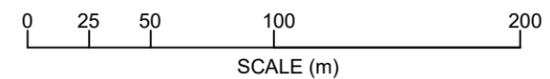
- 1) McClymont & Rak Engineers, Inc. (MCR) conducted the work associated with this report in accordance with the scope of services, time and budget limitations imposed for this work. The work has been conducted according to reasonable and generally accepted local standards for an environmental consultant at the time of the work. No other warranty or representation, expressed or implied, is included or intended in this report.
- 2) The work was designed to provide an overall assessment of the environmental conditions on the Site. The conclusions presented in this report are based on the information obtained during the investigation. The work is intended to reduce the client's risk with respect to environmental impairment. No work can completely eliminate the possibility of further environmental impairment on the Site.
- 3) It should be noted that subsurface conditions might vary at locations and depths other than those locations where borings, surveys or explorations were made by MCR. Other contaminants, not tested for in this work, may also potentially be present on the Site. Even with exhaustive investigation, it is not possible to warranty the Site will be free of contaminants. Should conditions, not observed during the work, become apparent, MCR should be immediately notified to assess the situation and conduct additional work, where required.
- 4) The findings of this report are based on conditions as they were observed at the time of the work. No assurance is made regarding changes in conditions subsequent to the time of the work.
- 5) Remediation cost estimates are based on the available information. The estimated costs for remediation only represent the costs for the clean up of known contaminants that have been identified during the work. Additional costs may be incurred as a result of other contaminants or areas of contamination identified by subsequent work.
- 6) Regulatory statutes are subject to interpretation. These statutes and their interpretation may change over time, thus these issues should be reviewed with appropriate legal counsel.
- 7) MCR relied on information provided by others in this report. MCR cannot guarantee the accuracy, completeness and reliability of the information provided by others, although MCR staff attempted to seek clarification on information provided and verify authenticity, where practical.
- 8) The report and its attachments were prepared for and made available for the sole use of the client. MCR will not be responsible for any use or interpretation of the information contained in this report by any other party without the prior expressed written consent of MCR.

FIGURES



LEGEND:

- STUDY AREA
- PROPERTY BOUNDARY
- TOPOGRAPHICAL CONTOURS

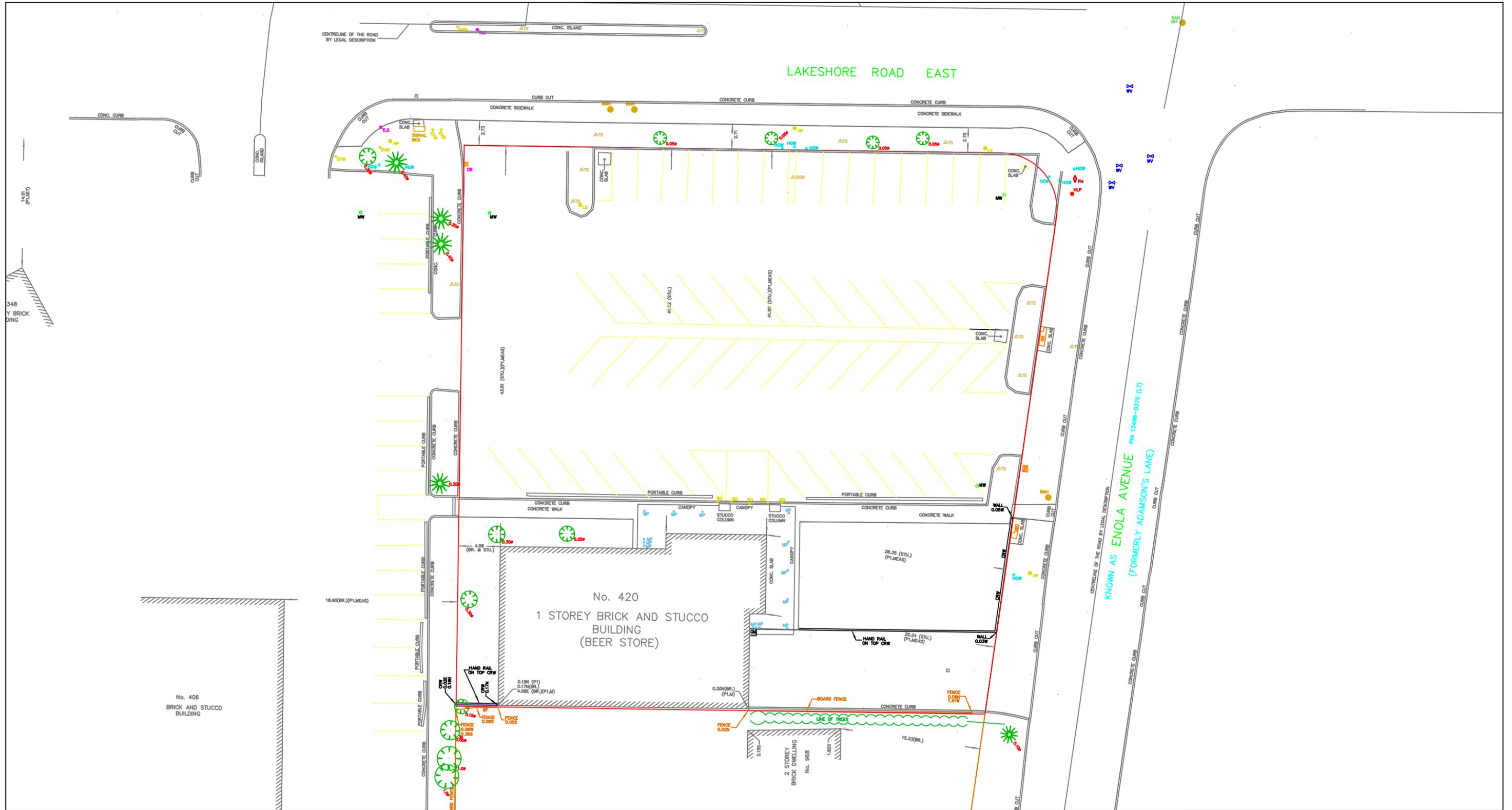


McCLYMONT & RAK
ENGINEERS, INC.
GEO-ENVIRONMENTAL CONSULTANTS

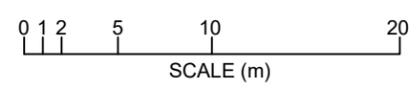
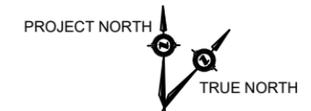
420 LAKESHORE ROAD EAST, MISSISSAUGA, ONTARIO

PHASE ONE STUDY AREA

Project No. E2892	Date JUNE 2020	Drawing No. 1
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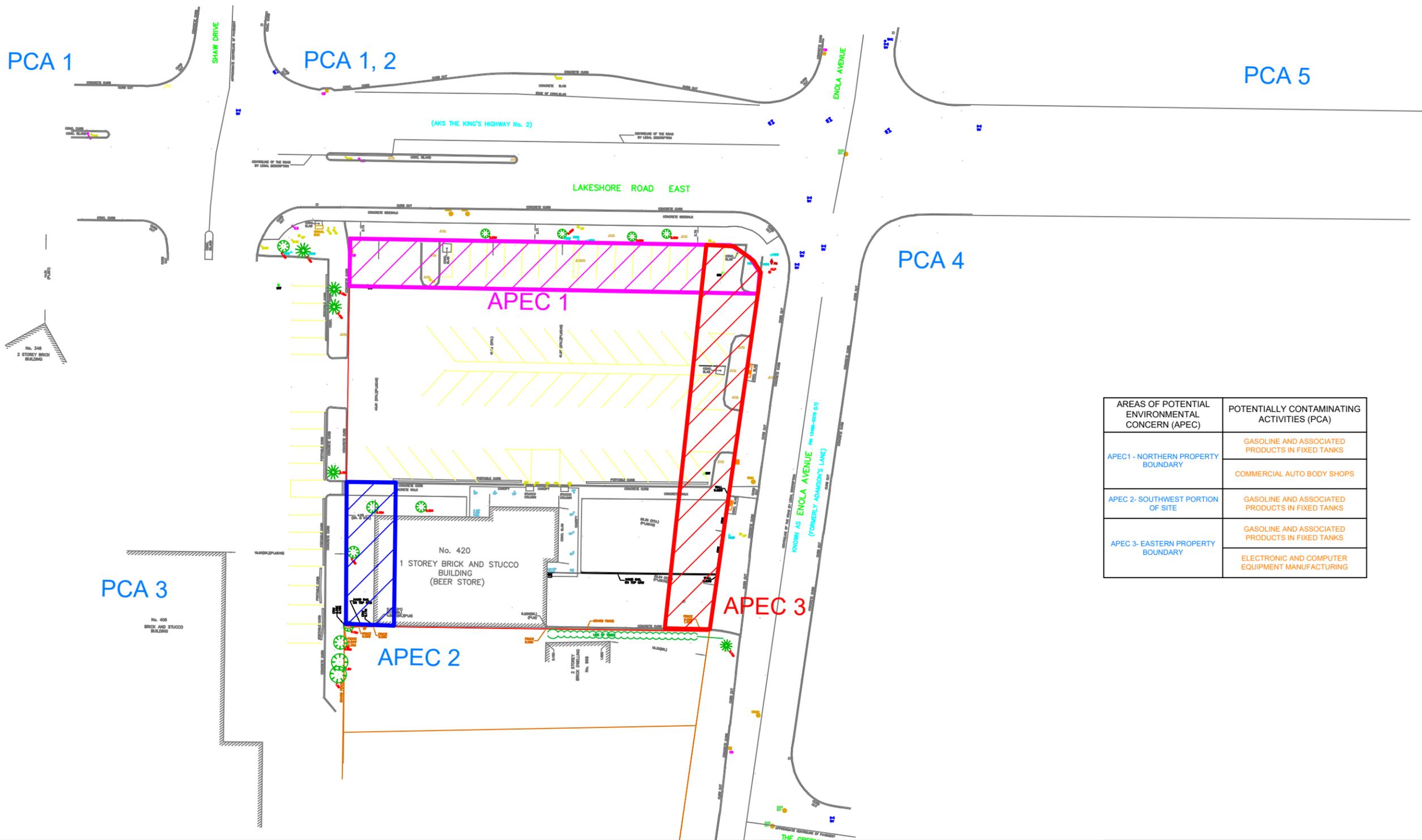


LEGEND:
 - - - - - PROPERTY BOUNDARY



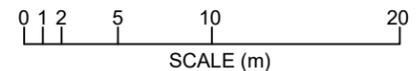
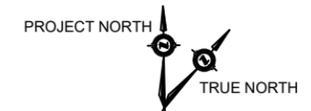
 McCLYMONT & RAK ENGINEERS, INC. GEO-ENVIRONMENTAL CONSULTANTS	420 LAKESHORE ROAD EAST, MISSISSAUGA, ONTARIO	
	SITE PLAN	
Project No. E2892	Date JUNE 2020	Drawing No. 2

Drawing Notes: Image drafted from property survey, Toronto Maps, Google Maps, and site inspections. Not for construction purposes.



AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)	POTENTIALLY CONTAMINATING ACTIVITIES (PCA)
APEC1 - NORTHERN PROPERTY BOUNDARY	GASOLINE AND ASSOCIATED PRODUCTS IN FIXED TANKS COMMERCIAL AUTO BODY SHOPS
APEC 2- SOUTHWEST PORTION OF SITE	GASOLINE AND ASSOCIATED PRODUCTS IN FIXED TANKS
APEC 3- EASTERN PROPERTY BOUNDARY	GASOLINE AND ASSOCIATED PRODUCTS IN FIXED TANKS ELECTRONIC AND COMPUTER EQUIPMENT MANUFACTURING

LEGEND:
 - - - - - PROPERTY BOUNDARY



MOR **McCLYMONT & RAK**
 ENGINEERS, INC.
 GEO-ENVIRONMENTAL CONSULTANTS

420 LAKESHORE ROAD EAST, MISSISSAUGA, ONTARIO

PHASE ONE CONCEPTUAL SITE MODEL

Project No. E2892	Date JUNE 2020	Drawing No. 3
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Drawing Notes: Image drafted from property survey, Toronto Maps, Google Maps, and site inspections. Not for construction purposes.

TABLES

TABLE OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
(Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04)

Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (on-site or off-site)	Contaminants of Potential Concern ³	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC 1	Northern property boundary	28. Gasoline and Associated Products Storage in Fixed Tanks	Off-site, 25 m north	- PHCs - BTEX	Groundwater
		10. Commercial Auto Body Shops	Off-site, 25 m north	- Metals; As, CN-, Sb, Se; Hg; Cr(VI) - PHCs - BTEX - VOCs; THMs	Groundwater
APEC 2	Southeast portion of the Phase One Property	28. Gasoline and Associated Products Storage in Fixed Tanks	Off-site, immediately west	- PHCs - BTEX	Groundwater
APEC 3	Eastern Property Boundary	28. Gasoline and Associated Products Storage in Fixed Tanks	Off-site, 35 m east	- PHCs - BTEX	Groundwater
		19. Electronic and Computer Equipment Manufacturing	Off-site, 100 m northeast	- Metals; As, CN-, Sb, Se; Hg; Cr(VI) - PHCs - BTEX - VOCs; THMs	Groundwater

1 – Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through:

- (a) identification of past or present uses on, in or under the phase one property, and
(b) identification of potentially contaminating activity.

2 – Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or as occurred in a Phase One Study Area.

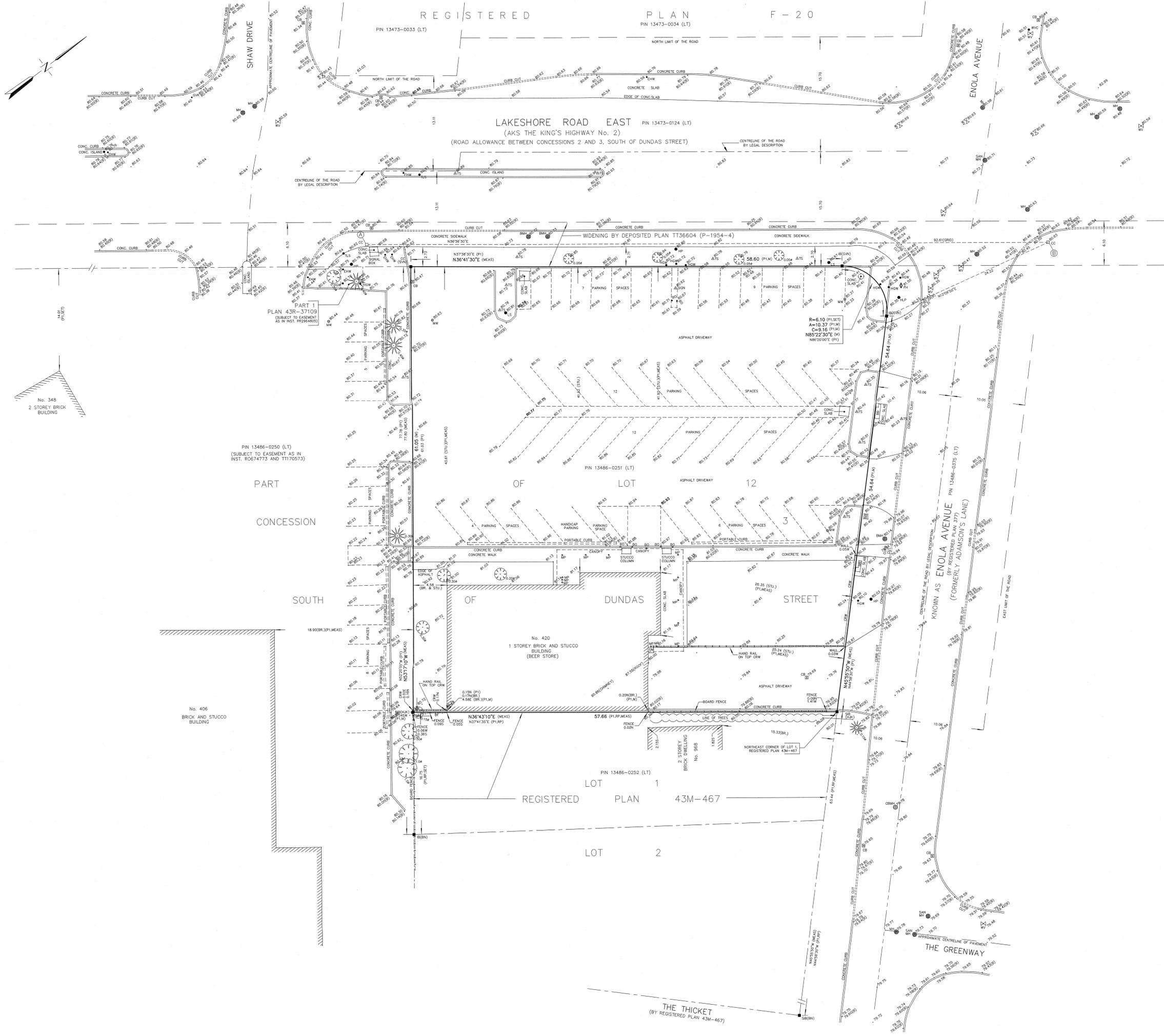
3 – When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol of in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs	PCBs	Metals	Electrical Conductivity	SAR
CPs	PAHs	As, Sb, Se	Cr(VI)	
1,4-Dioxane	THMs	Na	Hg	
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury	
OCs	BTEX	Cl-	high pH	
PHCs	Ca, Mg	CN-	low pH	

4 – When submitting a record of site condition for filing, a copy of this table must be attached.

**Cette publication hautement spécialisée n'est disponible qu'en Anglais en vertu du règlement 671/92, qui en exempte l'application de la Loi sur les services en français. Pour obtenir de l'aide en français, veuillez communiquer avec le ministère de l'Environnement au 1-800-461-6290.

APPENDIX A



PLAN OF SURVEY OF
**PART OF LOT 12, CONCESSION 3,
 SOUTH OF DUNDAS STREET**
 (FORMERLY TOWNSHIP OF TORONTO)
 CITY OF MISSISSAUGA
 REGIONAL MUNICIPALITY OF PEEL
 SCALE 1 : 200
 R. AVIS SURVEYING INC.

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

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NOTES AND LEGEND

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS (P) AND (B) BY REAL TIME NETWORK (RTN) OBSERVATIONS UTM ZONE 17, 81° WEST LONGITUDE NAD83 (CGRS2011).

POINT	NORTHING	EASTING
A	N 4824468.939	E 615324.602
B	N 4824543.276	E 615379.828

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN

DISTANCES SHOWN HEREON ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.9997566.

ELEVATIONS ARE BASED ON CITY OF MISSISSAUGA DATUM AND WERE DERIVED FROM CITY OF MISSISSAUGA BENCHMARK No. 734, HAVING A PUBLISHED ELEVATION OF 79.784m TO OBTAIN GEODETIC ELEVATIONS (1978 G.S.C. RE-ADJUSTMENT) SUBTRACT (0.121m) FROM VALUES SHOWN HEREIN.

BENCH MARK LOCATION:
 ON THE SOUTH FACE AT THE WEST CORNER OF ST. JAMES SEPARATE SCHOOL AT THE EAST END OF WANTA ROAD

ELEVATIONS AS SHOWN AT CONCRETE CURB INDICATE THE TOP OF CURB UNLESS OTHERWISE NOTED.

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT PLANTED
- SB DENOTES STANDARD IRON BAR
- SSB DENOTES SHORT STANDARD IRON BAR
- IB DENOTES IRON BAR
- CB DENOTES CEMENT CONCRETE CURB
- WT DENOTES WITNESS
- MEAS-M DENOTES MEASURED
- N.S.E.W DENOTES NORTH, SOUTH, EAST, WEST
- (P1) DENOTES PLAN OF SURVEY WITH TOPOGRAPHIC BY SPEIGHT, VAN NOSTRAND & GIBSON LTD. DATED APRIL 11, 2018.
- (BP) DENOTES REGISTERED PLAN 43M-467
- (BN) DENOTES BENNETT & NORROVE LTD. O.L.S.
- (HJK) DENOTES KOESTER BENNETT NORROVE LTD. O.L.S.
- (SWN) DENOTES SPEIGHT, VAN NOSTRAND & GIBSON LTD. O.L.S.
- (BR.) DENOTES BRICK
- BF DENOTES BOARD FENCE
- (B) DENOTES BOTTOM OF CURB
- BP DENOTES BELL POLE
- BD DENOTES BOLLARD
- BMH DENOTES BELL MANHOLE
- SB DENOTES BELL BOX
- CRW DENOTES CONCRETE RETAINING WALL
- CB DENOTES CATCH BASIN
- CBMH DENOTES CATCH-BASIN MANHOLE
- CONC. DENOTES CONCRETE
- EHW DENOTES ELECTRICAL HAND WELL
- FH DENOTES FIRE HYDRANT
- GR DENOTES GAS MAIN
- GVK DENOTES GAS VALVE KEY
- HP DENOTES HYDRO POLE
- HQW DENOTES HYDRO CUI WIRE
- HLP DENOTES HYDRO LIGHT POLE
- MP DENOTES METAL POST
- MW DENOTES MONITORING WELL
- MH DENOTES MANHOLE
- SAN MH DENOTES SANITARY MANHOLE
- (STU.) DENOTES STUCCO
- TL DENOTES TRAFFIC LIGHT
- TS DENOTES TRAFFIC SIGN
- TLS DENOTES TRAFFIC LIGHT STANDARD
- WV DENOTES WATER VALVE
- WVC DENOTES WATER VALVE CHAMBER
- 0.10m DENOTES CONIFEROUS TREE WITH TRUNK DIAMETER 0.10 metres
- 0.05m DENOTES DECIDUOUS TREE WITH TRUNK DIAMETER 0.10 metres
- DENOTES SPOT ELEVATION

AREA = 3751.0 sq. m

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 REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON THE 13th DAY OF MAY, 2020

MAY 22, 2020
 DATE

 C. M. LO
 Ontario Land Surveyor

ASSOCIATION OF ONTARIO LAND SURVEYORS
 PLAN SUBMISSION FORM
 2125043

R. AVIS SURVEYING INC.
 SUITE 203
 235 YORKLAND BOULEVARD
 TORONTO, ONTARIO
 M2J 4Y8
 TEL: (416) 490-8352 FAX: (416) 491-6206
 EMAIL: office@avisurveying.com

THIS PLAN IS NOT VALID UNLESS IT IS AN UNREVOKED ORIGINAL COPY ISSUED BY THE SURVEYOR IN ACCORDANCE WITH REGULATION 1029, SECTION 29(3).

CHECKED BY : F.A., O.L.S.
 CALCULATED BY : SR
 DRAWN BY : SR

PROJECT No. : 3372-0
 DRAWING No. : 3372-01.0WG

APPENDIX B



DATABASE REPORT

Project Property: *Lakeshore (2892)
420 Lakeshore Road East
Mississauga ON L5G 1H5*

Project No:

Report Type: *Standard Express Report*

Order No: *20200519205*

Requested by: *McClymont & Rak Engineers Inc.*

Date Completed: *May 19, 2020*

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Executive Summary

Property Information:

Project Property: *Lakeshore (2892)
420 Lakeshore Road East Mississauga ON L5G 1H5*

Project No:

Coordinates:

Latitude: *43.564157*
Longitude: *-79.5712749*
UTM Northing: *4,824,458.10*
UTM Easting: *615,382.57*
UTM Zone: *17T*

Elevation: *265 FT
80.87 M*

Order Information:

Order No: *20200519205*
Date Requested: *May 19, 2020*
Requested by: *McClymont & Rak Engineers Inc.*
Report Type: *Standard Express Report*

Historical/Products:

City Directory Search *CD - Subject Site plus 250m Radius*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</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	11	11
CA	<i>Certificates of Approval</i>	Y	0	2	2
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	2	2
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	6	7
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	25	25
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	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	1	1
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	4	4
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	2	2

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	7	7
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	1	8	9
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	10	10
Total:			2	90	92

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	SPL	Enbridge Gas Distribution Inc.	420 Lakeshore Rd. E. Mississauga Mississauga ON	NNE/2.7	-0.38	27
2	EHS		420 Lakeshore Road East Mississauga ON	NW/41.0	-0.46	27

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		ON <i>Well ID: 7312571</i>	WNW/47.3	-1.03	27
4	GEN	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	DOMINION #073 406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1H5	SW/48.1	-1.03	28
4	SPL		406 Lakeshore Rd. E. Mississauga ON L5G 1H5	SW/48.1	-1.03	28
4	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 073	406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1H5	SW/48.1	-1.03	29
4	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 073	406 Lakeshore Road East Mississauga ON L5G 1H5	SW/48.1	-1.03	29
5	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 073	406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G1H5	SW/48.5	-1.03	30
6	WWIS		ON <i>Well ID: 7285857</i>	W/51.7	-1.03	30
7	CA	CITY	THE GREENWAY/ENOLA AVE. MISSISSAUGA ON	E/61.6	-4.30	31
8	WWIS		ON <i>Well ID: 7311646</i>	WNW/86.3	-1.75	31
9	SPL	The Regional Municipality of Peel	On Enola Ave. south of Lakeshore Rd., at Lakeshore Rd. and Enola Ave. Mississauga ON	NNW/87.3	-3.82	32
10	WWIS		ON <i>Well ID: 7311645</i>	NW/89.8	-1.91	32
11	WWIS		ON	NW/91.0	-1.75	33

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7311644			
12	EHS		425 Lakeshore Rd E Mississauga ON L5G1H8	NW/96.9	-2.37	33
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	34
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	34
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	34
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	34
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	35
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	35
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	35
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE/96.9	-2.73	35
13	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	36
13	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	36
13	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	36
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	37
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	37
13	EXP	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/96.9	-2.73	37
14	PRT	SUNOCO INC - THROUGH AGENT PIONEER PETROLEUMS MANA	456 LAKESHORE RD E MISSISSAUGA ON L5G1J1	NNE/97.2	-2.73	37
14	RST	SURFSIDE SERVICE CENTRE LTD	456 LAKESHORE RD E MISSISSAUGA ON L5G1J1	NNE/97.2	-2.73	38
14	RST	SURFSIDE SERVICE CENTER	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/97.2	-2.73	38
14	FSTH	R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE/97.2	-2.73	38
15	EHS		378 Lakeshore Road East Mississauga ON L5G 1H5	SW/97.9	-1.03	38
16	EHS		425 Lakeshore East Mississauga ON L5G 1H8	NW/99.9	-2.09	39
17	BORE		ON	W/108.1	-1.03	39
18	WWIS		ON Well ID: 7311642	NW/110.8	-2.77	40
19	WWIS		ON Well ID: 7311643	NW/112.2	-2.77	41
20	SPL	S 21(1)(f) of FIPPA	1015 Shaw Dr Mississauga ON	WNW/120.0	-2.11	42

<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>
21	BORE		ON	W/128.8	-1.03	42
22	INC		382 THE THICKET, MISSISSAUGA ON L5G 4P6	SE/140.1	-2.27	44
23	BORE		ON	W/140.2	-1.03	44
24	BORE		ON	W/146.1	-1.53	46
25	CA	R.M. OF PEEL	ROOSEVELT RD./LAKESHORE RD.E. MISSISSAUGA CITY ON	WSW/150.9	-1.03	47
26	BORE		ON	W/152.3	-1.03	47
27	SPL	Enbridge Gas Distribution Inc.	928 The Greenway Mississauga ON	E/157.7	-5.49	49
28	PINC		1028 ENOLA AVENUE, MISSISSAUGA ON	NW/159.4	-2.94	49
29	PRT	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	50
29	RSC		364 Lakeshore Road East Mississauga ON L5G 1H5	WSW/159.7	-1.03	50
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	50
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	50
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW/159.7	-1.03	51

<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>
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW/159.7	-1.03	51
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	51
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW/159.7	-1.03	51
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW/159.7	-1.03	52
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW/159.7	-1.03	52
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW/159.7	-1.03	52
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	52
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	53
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	53
29	EXP	SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW/159.7	-1.03	53
30	SPL	Enbridge Gas Distribution Inc.	947 The Greenway Mississauga ON	ENE/166.9	-3.37	53
30	PINC		947 THE GREENWAY, MISSISSAUGA ON	ENE/166.9	-3.37	54
31	SPL		362 Lakeshore Rd E Mississauga ON	SW/170.9	-1.03	54

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	BORE		ON	W/178.3	-1.03	55
33	PES	TOMCO HORTICULTURAL SERVICES	941 THE GREENWAY MISSISSAUGA ON L5G 1P7	ENE/189.7	-4.66	56
33	PES	619151 ONTARIO INC.	941 THE GREENWAY MISSISSAUGA ON L5G 1P7	ENE/189.7	-4.66	56
34	WWIS		MISSISSAUGA ON Well ID: 7153813	NNE/197.1	-1.03	57
35	EHS		363 Lakeshore Rd East Mississauga ON L5G 1H7	WSW/199.4	-1.03	58
36	EBR	Massilly North America Inc	City of Mississauga ON	NNE/199.4	-1.03	58
37	BORE		ON	SW/205.1	-1.03	59
38	SCT	KWIK KOPY PRINTING	348 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	SW/209.6	-1.03	60
38	GEN	KWIK KOPY PRINTING 23-526	348 LAKESHORE RD. EAST MISSISSAUGA ON L5G 1H5	SW/209.6	-1.03	60
38	SCT	Freepour Controls Inc.	348 Lakeshore Rd E Suite 207 Mississauga ON L5G 1H5	SW/209.6	-1.03	61
39	SPL	Photo Depot	348 Lakeshore Rd. E. - unit 1 Mississauga ON	SW/210.1	-1.03	61
40	INC		921 THE GREENWAY, MISSISSAUGA ON L5G 1P7	ENE/218.3	-5.57	61
41	EBR	Consumers Glass Company Limited	Wine Bottle & Packaging Inc., 501 Lakeshore Road East CITY OF MISSISSAUGA ON	NNE/220.1	-1.03	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	BORE		ON	SW/227.5	-1.03	63
43	WWIS		Mississauga ON Well ID: 7284449	N/228.0	-2.70	64
44	EHS		501 Lakeshore Road East Mississauga ON L5G 1H9	N/228.2	-2.07	67
45	BORE		ON	SSE/231.2	-2.93	67
46	WWIS		Mississauga ON Well ID: 7237053	NNE/234.7	-1.03	68
47	BORE		ON	SW/245.5	-1.03	70
48	BORE		ON	S/245.6	-2.51	71
49	GEN	PLATIS AND SON CLEANERS 30-860	347 LAKESHORE ROAD EAST #2 MISSISSAUGA ON L5G 1H6	WSW/246.2	-0.12	73
49	GEN	PLATIS & SONS CLEANERS	347 LAKESHORE ROAD EAST #2 MISSISSAUGA ON L5G 1H6	WSW/246.2	-0.12	73
50	PES	MCGROW LANDSCAPING	1058 ENOLA DRIVE MISSISSAUGA ON L5G4A9	NW/249.6	-2.80	73
51	PES	MCGROW LANDSCAPING	1058 ENOLA DRIVE MISSISSAUGA ON L5G 4A9	NW/249.7	-2.80	74

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 11 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	W	108.14	<u>17</u>
	ON	W	128.82	<u>21</u>
	ON	W	140.25	<u>23</u>
	ON	W	146.06	<u>24</u>
	ON	W	152.32	<u>26</u>
	ON	W	178.26	<u>32</u>
	ON	SW	205.08	<u>37</u>
	ON	SW	227.48	<u>42</u>
	ON	SSE	231.22	<u>45</u>
	ON	SW	245.53	<u>47</u>

ON S 245.61 [48](#)

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY	THE GREENWAY/ENOLA AVE. MISSISSAUGA ON	E	61.59	7
R.M. OF PEEL	ROOSEVELT RD./LAKESHORE RD.E. MISSISSAUGA CITY ON	WSW	150.88	25

EBR - Environmental Registry

A search of the EBR database, dated 1994-Apr 30, 2020 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Massilly North America Inc	City of Mississauga ON	NNE	199.43	36
Consumers Glass Company Limited	Wine Bottle & Packaging Inc., 501 Lakeshore Road East CITY OF MISSISSAUGA ON	NNE	220.08	41

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	420 Lakeshore Road East Mississauga ON	NW	41.04	2
	425 Lakeshore Rd E Mississauga ON L5G1H8	NW	96.86	12

378 Lakeshore Road East Mississauga ON L5G 1H5	SW	97.92	15
425 Lakeshore East Mississauga ON L5G 1H8	NW	99.92	16
363 Lakeshore Rd East Mississauga ON L5G 1H7	WSW	199.39	35
501 Lakeshore Road East Mississauga ON L5G 1H9	N	228.18	44

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 25 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13

R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW	159.69	29

SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 3 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNCOR ENERGY PRODUCTS PARTNERSHIP	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
SUNCOR ENERGY PRODUCTS PARTNERSHIP	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13
SUNCOR ENERGY PRODUCTS PARTNERSHIP	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	96.91	13

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 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
R S K CORPORATIION	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	97.24	14

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 4 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	DOMINION #073 406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1H5	SW	48.08	4
KWIK KOPY PRINTING 23-526	348 LAKESHORE RD. EAST MISSISSAUGA ON L5G 1H5	SW	209.60	38
PLATIS & SONS CLEANERS	347 LAKESHORE ROAD EAST #2 MISSISSAUGA ON L5G 1H6	WSW	246.23	49
PLATIS AND SON CLEANERS 30-860	347 LAKESHORE ROAD EAST #2 MISSISSAUGA ON L5G 1H6	WSW	246.23	49

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2017 has found that there are 2 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	382 THE THICKET, MISSISSAUGA ON L5G 4P6	SE	140.09	22
	921 THE GREENWAY, MISSISSAUGA ON L5G 1P7	ENE	218.32	40

PES - Pesticide Register

A search of the PES database, dated 1988 - Apr 2020 has found that there are 7 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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METRO ONTARIO INC O/A METRO/FOOD BASICS # 073	406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1H5	SW	48.08	4
METRO ONTARIO INC O/A METRO/FOOD BASICS # 073	406 Lakeshore Road East Mississauga ON L5G 1H5	SW	48.08	4
METRO ONTARIO INC O/A METRO/FOOD BASICS # 073	406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G1H5	SW	48.49	5
TOMCO HORTICULTURAL SERVICES	941 THE GREENWAY MISSISSAUGA ON L5G 1P7	ENE	189.71	33
619151 ONTARIO INC.	941 THE GREENWAY MISSISSAUGA ON L5G 1P7	ENE	189.71	33
MCGROW LANDSCAPING	1058 ENOLA DRIVE MISSISSAUGA ON L5G4A9	NW	249.63	50
MCGROW LANDSCAPING	1058 ENOLA DRIVE MISSISSAUGA ON L5G 4A9	NW	249.66	51

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1028 ENOLA AVENUE, MISSISSAUGA ON	NW	159.35	28
	947 THE GREENWAY, MISSISSAUGA ON	ENE	166.90	30

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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SUNOCO INC - THROUGH AGENT PIONEER PETROLEUMS MANA	456 LAKESHORE RD E MISSISSAUGA ON L5G1J1	NNE	97.24	14
SUNYS PETROLEUM INC	364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	WSW	159.69	29

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2020 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	364 Lakeshore Road East Mississauga ON L5G 1H5	WSW	159.69	29

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jan 31, 2020 has found that there are 2 RST site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SURFSIDE SERVICE CENTER	456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	NNE	97.24	14
SURFSIDE SERVICE CENTRE LTD	456 LAKESHORE RD E MISSISSAUGA ON L5G1J1	NNE	97.24	14

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
KWIK KOPY PRINTING	348 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	SW	209.60	38
Freepour Controls Inc.	348 Lakeshore Rd E Suite 207 Mississauga ON L5G 1H5	SW	209.60	38

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 8 SPL site(s) within approximately 0.25 kilometers of the project property.

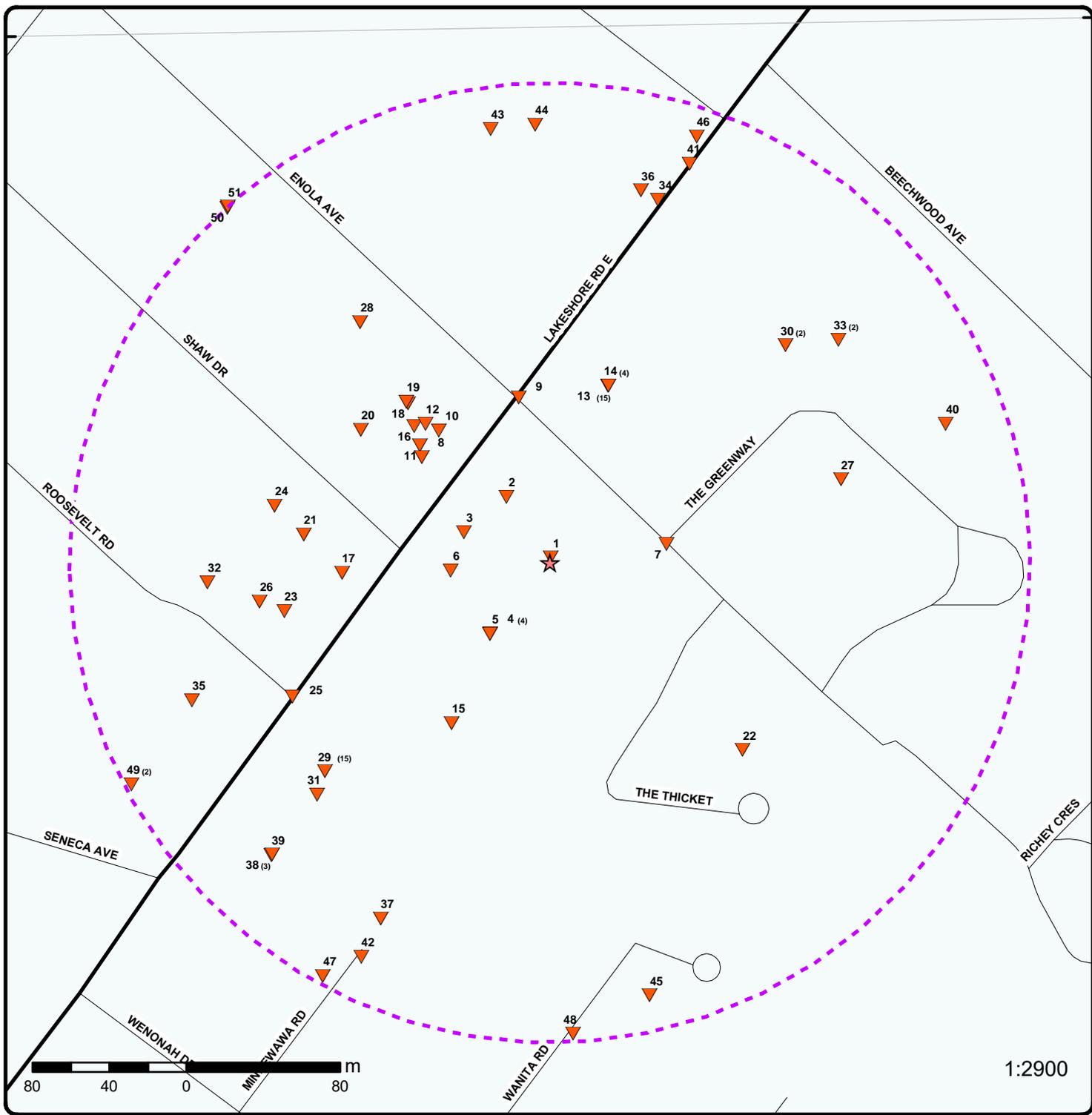
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	420 Lakeshore Rd. E. Mississauga Mississauga ON	NNE	2.67	<u>1</u>
	406 Lakeshore Rd. E. Mississauga ON L5G 1H5	SW	48.08	<u>4</u>
The Regional Municipality of Peel	On Enola Ave. south of Lakeshore Rd., at Lakeshore Rd. and Enola Ave. Mississauga ON	NNW	87.25	<u>9</u>
S 21(1)(f) of FIPPA	1015 Shaw Dr Mississauga ON	WNW	120.01	<u>20</u>
Enbridge Gas Distribution Inc.	928 The Greenway Mississauga ON	E	157.68	<u>27</u>
Enbridge Gas Distribution Inc.	947 The Greenway Mississauga ON	ENE	166.90	<u>30</u>
	362 Lakeshore Rd E Mississauga ON	SW	170.90	<u>31</u>
Photo Depot	348 Lakeshore Rd. E. - unit 1 Mississauga ON	SW	210.08	<u>39</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 10 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 7312571</i>	WNW	47.32	<u>3</u>

ON <i>Well ID:</i> 7285857	W	51.73	<u>6</u>
ON <i>Well ID:</i> 7311646	WNW	86.28	<u>8</u>
ON <i>Well ID:</i> 7311645	NW	89.78	<u>10</u>
ON <i>Well ID:</i> 7311644	NW	90.96	<u>11</u>
ON <i>Well ID:</i> 7311642	NW	110.83	<u>18</u>
ON <i>Well ID:</i> 7311643	NW	112.24	<u>19</u>
MISSISSAUGA ON <i>Well ID:</i> 7153813	NNE	197.15	<u>34</u>
Mississauga ON <i>Well ID:</i> 7284449	N	227.95	<u>43</u>
Mississauga ON <i>Well ID:</i> 7237053	NNE	234.69	<u>46</u>



Map : 0.25 Kilometer Radius

Order Number: 20200519205

Address: 420 Lakeshore Road East, Mississauga, ON



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



Aerial Year: 2018

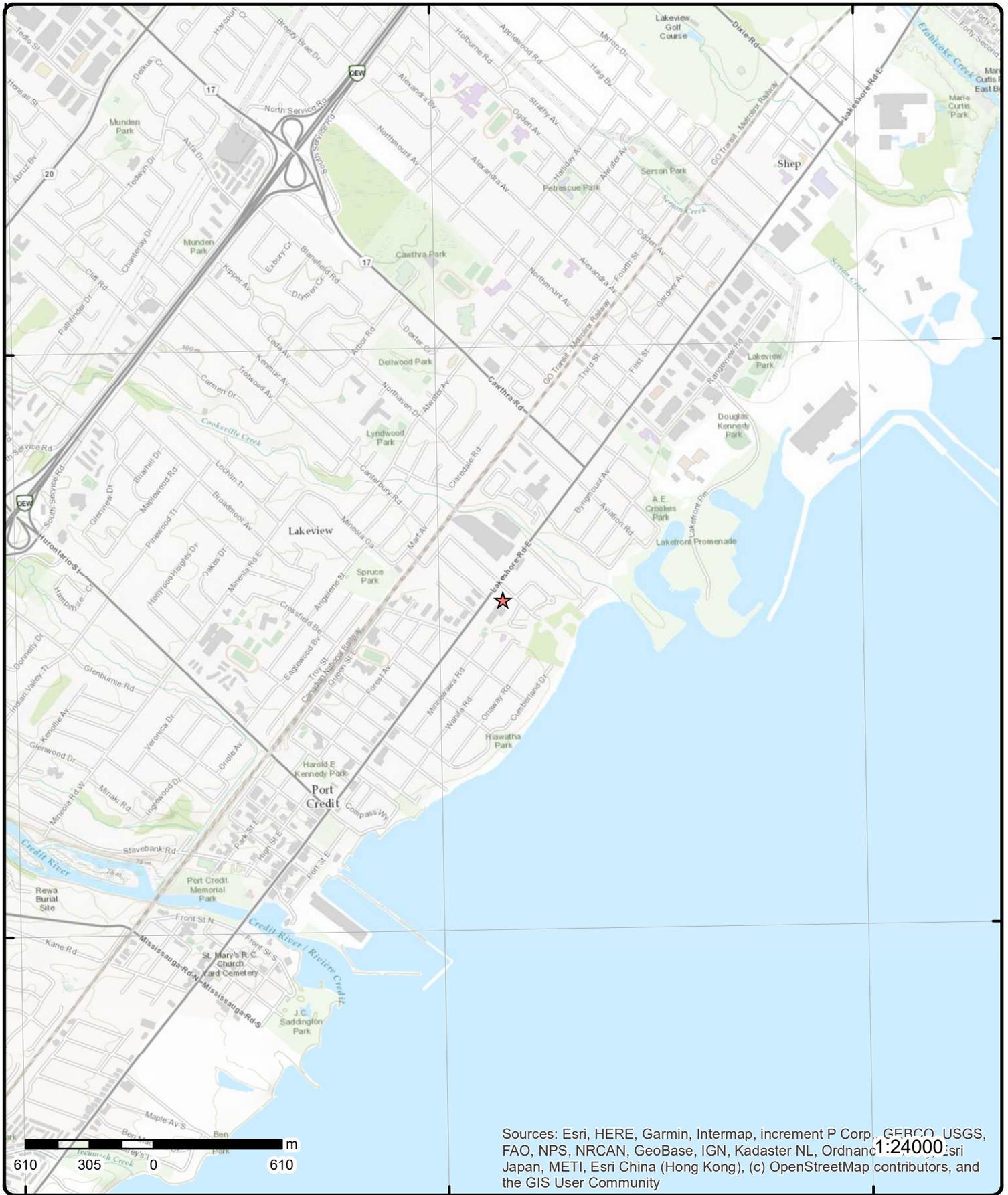
Address: 420 Lakeshore Road East, Mississauga, ON

Source: ESRI World Imagery

Order Number: 20200519205



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

Topographic Map

Address: 420 Lakeshore Road East, ON

Source: ESRI World Topographic Map

Order Number: 20200519205



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><u>1</u></p> <p>Ref No: 7106-AWPJDX Site No: NA Incident Dt: 2018/02/28 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2018/03/09 Dt Document Closed: Incident Reason: Operator/Human Error Site Name: Gas Main on Lakeshore Rd<UNOFFICIAL> Site County/District: Regional Municipality of Peel Site Geo Ref Meth: Incident Summary: TSSA-FSB: 8 inch stl gas line dmgd; made safe Contaminant Qty: 0 L</p>	<p>1 of 1</p>	<p>NNE/2.7</p>	<p>80.5 / -0.38</p>	<p>Enbridge Gas Distribution Inc. 420 Lakeshore Rd. E. Mississauga Mississauga ON</p> <p>Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Corporation Client Type: Miscellaneous Communal Sector Type: Agency Involved: Nearest Watercourse: Site Address: 420 Lakeshore Rd. E. Mississauga Site District Office: Halton-Peel Site Postal Code: Site Region: Central Site Municipality: Mississauga Site Lot: Site Conc: Northing: 4824499.36 Easting: 615340.89 Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components Source Type:</p>	<p>SPL</p>
<p><u>2</u></p> <p>Order No: 20180328128 Status: C Report Type: Standard Express Report Report Date: 28-MAR-18 Date Received: 28-MAR-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:</p>	<p>1 of 1</p>	<p>NW/41.0</p>	<p>80.4 / -0.46</p>	<p>420 Lakeshore Road East Mississauga ON</p> <p>Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.571547 Y: 43.564469</p>	<p>EHS</p>
<p><u>3</u></p> <p>Well ID: 7312571 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status:</p>	<p>1 of 1</p>	<p>WNW/47.3</p>	<p>79.8 / -1.03</p>	<p>ON</p> <p>Data Entry Status: Yes Data Src: Date Received: 6/12/2018 Selected Flag: Yes Abandonment Rec:</p>	<p>WWIS</p>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type: Casing Material: Audit No: C42026 Tag: A244307 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Contractor: 7215 Form Version: 8 Owner: Street Name: County: PEEL Municipality: MISSISSAUGA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1007101608 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 4/11/2018 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: Elevrc: Zone: 17 East83: 615338 North83: 4824474 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>4</u>	1 of 4	SW/48.1	79.8 / -1.03	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD. DOMINION #073 406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G 1H5	GEN
Generator No: ON0928758 Status: Approval Years: 98,99,00,01 Contam. Facility: MHSW Facility: SIC Code: 6571 SIC Description: CAMERA/PHOTO. SUPPLY				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: 264 Waste Class Desc: PHOTOPROCESSING WASTES					
<u>4</u>	2 of 4	SW/48.1	79.8 / -1.03	406 Lakeshore Rd. E. Mississauga ON L5G 1H5	SPL
Ref No: 3708-634TER Site No: Incident Dt: Year: Incident Cause: Container Leak (Fuel Tank Barrels) Incident Event: Contaminant Code: 13 Contaminant Name: DIESEL FUEL Contaminant Limit 1:				Discharger Report: Material Group: Oil Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Halton-Peel	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Trade Name: PDF Link:					
5	1 of 1	SW/48.5	79.8 / -1.03	METRO ONTARIO INC O/A METRO/FOOD BASICS # 073 406 LAKESHORE ROAD EAST MISSISSAUGA ON L5G1H5	PES
Detail Licence No: Licence No: 15394 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 Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 905 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:			
6	1 of 1	W/51.7	79.8 / -1.03	ON	WWIS
Well ID: 7285857 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C36104 Tag: A212484 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Yes Data Src: Date Received: 5/2/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7215 Form Version: 8 Owner: Street Name: County: PEEL Municipality: MISSISSAUGA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 1006395414 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 2/7/2017		Elevation: 80.367721 Elevrc: Zone: 17 East83: 615331 North83: 4824454 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
9	1 of 1	NNW/87.3	77.1 / -3.82	The Regional Municipality of Peel On Enola Ave. south of Lakeshore Rd., at Lakeshore Rd. and Enola Ave. Mississauga ON	SPL
Ref No: 2633-94EQVA Site No: Incident Dt: 29-JAN-13 Year: Incident Cause: Unknown / N/A Incident Event: Contaminant Code: n/a Contaminant Name: Odour		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Sewer (Private or Municipal) Agency Involved: Nearest Watercourse: Site Address: On Enola Ave. south of Lakeshore Rd., at Lakeshore Rd. and Enola Ave. Site District Office: Site Postal Code: Site Region: Site Municipality: Mississauga Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Pollution Incident Reports (PIRs) and "Other" calls Source Type:			
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Confirmed Nature of Impact: Surface Water Pollution Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scrn: MOE Reported Dt: 29-JAN-13 Dt Document Closed: 11-JUN-13					
Incident Reason: Unknown / N/A Site Name: Residential area outfall<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Unknown: sheen and odours in outfall to Cumberland Creek Contaminant Qty: 0 other - see incident description					
10	1 of 1	NW/89.8	79.0 / -1.91	ON	WWIS
Well ID: 7311645 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Z278048 Tag: A242062 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Yes Data Src: Date Received: 5/25/2018 Selected Flag: Yes Abandonment Rec: Contractor: 6607 Form Version: 7 Owner: Street Name: County: PEEL Municipality: MISSISSAUGA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1007060115			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615325
Code OB Desc:				North83:	4824527
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/3/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
11	1 of 1	NW/91.0	79.1 / -1.75	ON	WWIS
Well ID:	7311644			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	5/25/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	6607
Casing Material:				Form Version:	7
Audit No:	Z278047			Owner:	
Tag:	A243542			Street Name:	
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	MISSISSAUGA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1007060112			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615315
Code OB Desc:				North83:	4824519
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/2/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
12	1 of 1	NW/96.9	78.5 / -2.37	425 Lakeshore Rd E Mississauga ON L5G1H8	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20180222001 Status: C Report Type: Standard Report Report Date: 28-FEB-18 Date Received: 22-FEB-18 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
13	1 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	EXP
Instance No: 11448286 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 5/16/2009					
13	2 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: 11448267 Instance ID: 85268 Instance Type: FS Liquid Fuel Tank Description: FS Liquid Fuel Tank Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
13	3 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: 11448230 Instance ID: 85313 Instance Type: FS Liquid Fuel Tank Description: FS Liquid Fuel Tank Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
13	4 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: 10857667 Instance ID: 46713 Instance Type: FS Liquid Fuel Tank Description: FS Liquid Fuel Tank					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		EXPIRED			
13	5 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		63209420 346600 FS Piping FS Piping EXPIRED			
13	6 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		63209422 346701 FS Piping FS Piping EXPIRED			
13	7 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		63209421 347472 FS Piping FS Piping EXPIRED			
13	8 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank:		63209419 348177 FS Piping FS Piping EXPIRED			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Type: Expired Date:					
13	9 of 15	NNE/96.9	78.1 / -2.73	SUNCOR ENERGY PRODUCTS PARTNERSHIP 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	FST
Instance No: 11594584 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 50000 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Double Wall UST Install Year: 1999 Parent Facility Type: FS Gasoline Station - Full Serve Facility Type: FS Liquid Fuel Tank					
13	10 of 15	NNE/96.9	78.1 / -2.73	SUNCOR ENERGY PRODUCTS PARTNERSHIP 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	FST
Instance No: 11594574 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 50000 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Double Wall UST Install Year: 1999 Parent Facility Type: FS Gasoline Station - Full Serve Facility Type: FS Liquid Fuel Tank					
13	11 of 15	NNE/96.9	78.1 / -2.73	SUNCOR ENERGY PRODUCTS PARTNERSHIP 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	FST
Instance No: 11594591 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 50000 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Double Wall UST Install Year: 1999 Parent Facility Type: FS Gasoline Station - Full Serve Facility Type: FS Liquid Fuel Tank					
13	12 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	EXP
Instance No: 10857667					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/16/2009</p>					
13	13 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	EXP
<p>Instance No: 11448286 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/16/2009</p>					
13	14 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	EXP
<p>Instance No: 11448267 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/16/2009</p>					
13	15 of 15	NNE/96.9	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	EXP
<p>Instance No: 11448230 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/16/2009</p>					
14	1 of 4	NNE/97.2	78.1 / -2.73	SUNOCO INC - THROUGH AGENT PIONEER PETROLEUMS MANA 456 LAKESHORE RD E MISSISSAUGA ON L5G1J1	PRT
<p>Location ID: 9138 Type: retail Expiry Date: 1996-01-31</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity (L):		0			
Licence #:		0019089080			
14	2 of 4	NNE/97.2	78.1 / -2.73	SURFSIDE SERVICE CENTRE LTD 456 LAKESHORE RD E MISSISSAUGA ON L5G1J1	RST
Headcode:		1186800			
Headcode Desc:		Service Stations-Gasoline, Oil & Natural Gas			
Phone:		9052784884			
List Name:					
Description:					
14	3 of 4	NNE/97.2	78.1 / -2.73	SURFSIDE SERVICE CENTER 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	RST
Headcode:		01186800			
Headcode Desc:		SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS			
Phone:		9052784884			
List Name:					
Description:					
14	4 of 4	NNE/97.2	78.1 / -2.73	R S K CORPORATIION 456 LAKESHORE RD E MISSISSAUGA ON L5G 1J1	FSTH
License Issue Date:		11/12/2007 10:44:00 AM			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Full Serve			
--Details--					
Status:		Active			
Year of Installation:		1999			
Corrosion Protection:					
Capacity:		50000			
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1999			
Corrosion Protection:					
Capacity:		50000			
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1999			
Corrosion Protection:					
Capacity:		50000			
Tank Fuel Type:		Liquid Fuel Double Wall UST - Gasoline			
15	1 of 1	SW/97.9	79.8 / -1.03	378 Lakeshore Road East Mississauga ON L5G 1H5	EHS
Order No:		20050207011		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:				Client Prov/State:	ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date:	2/16/2005			Search Radius (km): 0.25	
Date Received:	2/7/2005			X: -79.571923	
Previous Site Name:				Y: 43.563412	
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerials Photos and/or Topographical Maps				

16	1 of 1	NW/99.9	78.8 / -2.09	425 Lakeshore East Mississauga ON L5G 1H8	EHS
Order No:	20020603003			Nearest Intersection:	
Status:	C			Municipality:	Peele
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	6/7/02			Search Radius (km):	0.25
Date Received:	6/3/02			X:	-79.571775
Previous Site Name:				Y:	43.564853
Lot/Building Size:					
Additional Info Ordered:					

17	1 of 1	W/108.1	79.8 / -1.03	ON	BORE
Borehole ID:	646238			Inclin FLG:	No
OGF ID:	215546621			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	JUL-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.564126
Total Depth m:	4.9			Longitude DD:	-79.572613
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615275
Drill Method:	Power auger			Northing:	4824453
Orig Ground Elev m:	80.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	80.6				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218514143			Mat Consistency:	
Top Depth:	.1			Material Moisture:	Dry
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Sand			Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:	FILL,CLAY,SILT,SAND.DRY.				

Geology Stratum ID:	218514144			Mat Consistency:	Dense
Top Depth:	.6			Material Moisture:	
Bottom Depth:	3			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt			Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SILT,GRAVEL, CLAY. GREY,BROWN,GLACIAL,DENSE, AGE GLACIAL.				
Geology Stratum ID:	218514142			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Asphalt			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ASPHALT.				
Geology Stratum ID:	218514145			Mat Consistency:	Soft
Top Depth:	3			Material Moisture:	
Bottom Depth:	4.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Shale			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	Ordovician
Material 4:				Depositional Gen:	marine
Gsc Material Description:					
Stratum Description:	SHALE. GREY,MARINE,SOFT,LAYERED, AGE ORDOVICIAN. 018 009 00020060 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: TOR2.txt RecordID: 142600 NTS_Sheet: 30M12A		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

18	1 of 1	NW/110.8	78.1 / -2.77	ON	WWIS
Well ID:	7311642	Data Entry Status:	Yes		
Construction Date:		Data Src:			
Primary Water Use:		Date Received:	5/25/2018		
Sec. Water Use:		Selected Flag:	Yes		
Final Well Status:		Abandonment Rec:			
Water Type:		Contractor:	6607		
Casing Material:		Form Version:	7		
Audit No:	Z278045	Owner:			
Tag:	A242143	Street Name:			
Construction Method:		County:	PEEL		
Elevation (m):		Municipality:	MISSISSAUGA CITY		
Elevation Reliability:		Site Info:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1007060106 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 4/2/2018 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: Elevrc: Zone: 17 East83: 615309 North83: 4824541 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	

19	1 of 1	NW/112.2	78.1 / -2.77	ON	WWIS
Well ID: 7311643 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Z278046 Tag: A243541 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Data Entry Status: Yes Data Src: Date Received: 5/25/2018 Selected Flag: Yes Abandonment Rec: Contractor: 6607 Form Version: 7 Owner: Street Name: County: PEEL Municipality: MISSISSAUGA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	

<u>Bore Hole Information</u>					
Bore Hole ID: 1007060109 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 4/2/2018 Remarks: Elevrc Desc:				Elevation: Elevrc: Zone: 17 East83: 615308 North83: 4824542 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

20	1 of 1	WNW/120.0	78.8 / -2.11	S 21(1)(f) of FIPPA 1015 Shaw Dr Mississauga ON	SPL
Ref No:	8334-7YFN8X			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Other Discharges			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	36			Nearest Watercourse:	
Contaminant Name:	CARBON MONOXIDE			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	Not MOE mandate			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	12/5/2009			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	Triplex<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA -1015 Shaw Dr, CO exceed				
Contaminant Qty:	150 ppm				

21	1 of 1	W/128.8	79.8 / -1.03	ON	BORE
Borehole ID:	646239			Inclin FLG:	No
OGF ID:	215546622			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	JUL-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.564309
Total Depth m:	4.7			Longitude DD:	-79.572856
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615255
Drill Method:	Power auger			Northing:	4824473
Orig Ground Elev m:	80.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	81				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218514148			Mat Consistency:	Dense
Top Depth:	.5			Material Moisture:	
Bottom Depth:	3.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SILT,GRAVEL, CLAY. GLACIAL,DENSE,AGE GLACIAL.				
Geology Stratum ID:	218514146			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Asphalt			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ASPHALT.				
Geology Stratum ID:	218514149			Mat Consistency:	Soft
Top Depth:	3.7			Material Moisture:	
Bottom Depth:	4.7			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	Ordovician
Material 4:				Depositional Gen:	marine
Gsc Material Description:					
Stratum Description:	BEDROCK,SHALE. GREY,MARINE,SOFT, AGE ORDOVICIAN. 019 006 00015043 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218514147			Mat Consistency:	
Top Depth:	.1			Material Moisture:	Dry
Bottom Depth:	.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Sand			Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:	FILL,CLAY,SILT,SAND.DRY.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR2.txt RecordID: 142610 NTS_Sheet: 30M12A				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	646235			Inclin FLG:	No
OGF ID:	215546618			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	SEP-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.563951
Total Depth m:	3.2			Longitude DD:	-79.572988
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615245
Drill Method:	Power auger			Northing:	4824433
Orig Ground Elev m:	80.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	80.7				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218514134			Mat Consistency:	Dense
Top Depth:	.2			Material Moisture:	
Bottom Depth:	3.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SILT,GRAVEL, CLAY. GLACIAL,DENSE,AGE GLACIAL.				
Geology Stratum ID:	218514133			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Soil			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SOIL.				
Geology Stratum ID:	218514135			Mat Consistency:	
Top Depth:	3.2			Material Moisture:	
Bottom Depth:	3.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	Ordovician
Material 4:				Depositional Gen:	marine
Gsc Material Description:					
Stratum Description:	BEDROCK,SHALE. MARINE,AGE ORDOVICIAN. 012 00005044270014 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: TOR2.txt RecordID: 142570 NTS_Sheet: 30M12A			
Confiden 1:		Reliable information but incomplete.			
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

<u>24</u>	1 of 1	W/146.1	79.3 / -1.53	ON	BORE
Borehole ID:	646240			Inclin FLG:	No
OGF ID:	215546623			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	JUL-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.564446
Total Depth m:	2.1			Longitude DD:	-79.573039
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615240
Drill Method:	Power auger			Northing:	4824488
Orig Ground Elev m:	80.7			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	81.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218514152			Mat Consistency:	
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	Ordovician
Material 4:				Depositional Gen:	marine
Gsc Material Description:					
Stratum Description:	BEDROCK, SHALE. MARINE, AGE ORDOVICIAN. 014 RD **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218514150			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Soil			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SOIL.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218514151			Mat Consistency:	Dense
Top Depth:	.2			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SILT,GRAVEL, CLAY. GREY,BROWN,GLACIAL,DENSE, AGE GLACIAL.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: TOR2.txt RecordID: 142620 NTS_Sheet: 30M12A		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

25	1 of 1	WSW/150.9	79.8 / -1.03	R.M. OF PEEL ROOSEVELT RD./LAKESHORE RD.E. MISSISSAUGA CITY ON	CA
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Certificate #:	7-0892-93-
Application Year:	93
Issue Date:	10/1/1993
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

26	1 of 1	W/152.3	79.8 / -1.03	ON	BORE
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Borehole ID:	646236	Inclin FLG:	No
OGF ID:	215546619	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	SEP-1967	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:	Not Used	Township:	
Sec. Water Use:		Latitude DD:	43.563998
Total Depth m:	3.1	Longitude DD:	-79.573148

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Ref:		Ground Surface		UTM Zone:	17
Depth Elev:				Easting:	615232
Drill Method:		Power auger		Northing:	4824438
Orig Ground Elev m:		80.7		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		80.9			
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218514136		Mat Consistency:	
Top Depth:	0		Material Moisture:	
Bottom Depth:	.2		Material Texture:	
Material Color:			Non Geo Mat Type:	
Material 1:	Soil		Geologic Formation:	
Material 2:			Geologic Group:	
Material 3:			Geologic Period:	
Material 4:			Depositional Gen:	
Gsc Material Description:				
Stratum Description:	SOIL.			

Geology Stratum ID:	218514137		Mat Consistency:	Dense
Top Depth:	.2		Material Moisture:	
Bottom Depth:	3.1		Material Texture:	
Material Color:	Brown		Non Geo Mat Type:	
Material 1:	Till		Geologic Formation:	
Material 2:	Silt		Geologic Group:	
Material 3:	Gravel		Geologic Period:	
Material 4:	Clay		Depositional Gen:	glacial
Gsc Material Description:				
Stratum Description:	TILL,SILT,GRAVEL, CLAY. BROWN,GLACIAL,DENSE, AGE GLACIAL.			

Geology Stratum ID:	218514138		Mat Consistency:	
Top Depth:	3.1		Material Moisture:	
Bottom Depth:	3.1		Material Texture:	
Material Color:			Non Geo Mat Type:	
Material 1:	Bedrock		Geologic Formation:	
Material 2:	Shale		Geologic Group:	
Material 3:			Geologic Period:	Ordovician
Material 4:			Depositional Gen:	marine
Gsc Material Description:				
Stratum Description:	BEDROCK,SHALE. MARINE,AGE ORDOVICIAN. 017 00005022 **Note: Many records provided by the department have a truncated [Stratum Description] field.			

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: TOR2.txt RecordID: 142580 NTS_Sheet: 30M12A		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Scale or Resolution: Varies					
Source Name: Urban Geology Automated Information System (UGAIS)					
Source Originators: Geological Survey of Canada					
27	1 of 1	E/157.7	75.4 / -5.49	Enbridge Gas Distribution Inc. 928 The Greenway Mississauga ON	SPL
Ref No: 6450-ARNJXW		Discharger Report:			
Site No: NA		Material Group:			
Incident Dt: 9/29/2017		Health/Env Conseq: 2 - Minor Environment Corporation			
Year:		Client Type: Corporation			
Incident Cause:		Sector Type: Miscellaneous Industrial			
Incident Event: Leak/Break		Agency Involved:			
Contaminant Code: 35		Nearest Watercourse:			
Contaminant Name: NATURAL GAS (METHANE)		Site Address: 928 The Greenway			
Contaminant Limit 1:		Site District Office: Halton-Peel			
Contam Limit Freq 1:		Site Postal Code:			
Contaminant UN No 1: 1075		Site Region: Central			
Environment Impact:		Site Municipality: Mississauga			
Nature of Impact:		Site Lot:			
Receiving Medium:		Site Conc:			
Receiving Env: Air		Northing: 4824500.69			
MOE Response: No		Easting: 615560.43			
Dt MOE Arvl on Scn:		Site Geo Ref Accu:			
MOE Reported Dt: 9/29/2017		Site Map Datum:			
Dt Document Closed:		SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill			
Incident Reason: Operator/Human Error		Source Type: Valve/Fitting/Piping			
Site Name: Site of linestrike<UNOFFICIAL>					
Site County/District: Regional Municipality of Peel					
Site Geo Ref Meth:					
Incident Summary: TSSA FSB; ½" pl service line, IP dmgd; made safe					
Contaminant Qty: 0 other - see incident description					

28	1 of 1	NW/159.4	77.9 / -2.94	1028 ENOLA AVENUE, MISSISSAUGA ON	PINC
Incident ID:		Health Impact:			
Incident No: 1905110		Environment Impact:			
Type: FS-Pipeline Incident		Property Damage: Yes			
Status Code: Pipeline Damage Reason Est		Service Interrupt:			
Fuel Occurrence Tp:		Enforce Policy: Yes			
Fuel Type:		Public Relation:			
Tank Status: RC Established		Pipeline System:			
Task No: 6253316		Depth:			
Spills Action Centre:		Pipe Material:			
Method Details: E-mail		PSIG:			
Fuel Category: Natural Gas		Attribute Category: FS-Perform P-line Inc Invest			
Date of Occurrence:		Regulator Location:			
Occurrence Start Date: 2016/07/18					
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary: 1028 ENOLA AVENUE, MISSISSAUGA - PIPELINE HIT - 1/2"					
Reported By: Blake Frost - ENBRIDGE					
Affiliation:					
Occurrence Desc:					
Damage Reason: Excavation practices not sufficient					
Notes:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	1 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	PRT
Location ID:		9137			
Type:		retail			
Expiry Date:		1993-08-31			
Capacity (L):		90800			
Licence #:		0026113001			
29	2 of 15	WSW/159.7	79.8 / -1.03	364 Lakeshore Road East Mississauga ON L5G 1H5	RSC
RSC ID:		Cert Date:			
RA No:		Cert Prop Use No:			
RSC Type:		Intended Prop Use:			
Curr Property Use:		Qual Person Name:			
Ministry District: Timmins		Stratified (Y/N):			
Filing Date: 10/21/99		Audit (Y/N): N			
Date Ack:		Entire Leg Prop. (Y/N):			
Date Returned: 12/21/99		Accuracy Estimate:			
Restoration Type:		Telephone:			
Soil Type:		Fax:			
Criteria:		Email:			
CPU Issued Sect 1686:					
Asmt Roll No:					
Prop ID No (PIN):					
Property Municipal Address:					
Mailing Address:					
Latitude & Longitude:					
UTM Coordinates:					
Consultant: Terraprobe Ltd.					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:					
29	3 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
Instance No:		9580811			
Instance ID:					
Instance Type:		FS Facility			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		10/20/1992			
29	4 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
Instance No:		10857635			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 10/3/1989					
29	5 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: 10857602 Instance ID: 46631 Instance Type: FS Liquid Fuel Tank Description: FS Liquid Fuel Tank Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
29	6 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: 10857650 Instance ID: 46710 Instance Type: FS Liquid Fuel Tank Description: FS Liquid Fuel Tank Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
29	7 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
Instance No: 10857617 Instance ID: Instance Type: FS Liquid Fuel Tank Description: Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: 10/3/1989					
29	8 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON	EXP
Instance No: 10857626 Instance ID: 46256 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Expired Date:</i>					
29	9 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON	EXP
<i>Instance No:</i>		10857610			
<i>Instance ID:</i>		46259			
<i>Instance Type:</i>		FS Piping			
<i>Description:</i>		FS Piping			
<i>Status:</i>		EXPIRED			
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Facility Type:</i>					
<i>Expired Date:</i>					
29	10 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON	EXP
<i>Instance No:</i>		10857643			
<i>Instance ID:</i>		46662			
<i>Instance Type:</i>		FS Piping			
<i>Description:</i>		FS Piping			
<i>Status:</i>		EXPIRED			
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Facility Type:</i>					
<i>Expired Date:</i>					
29	11 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON	EXP
<i>Instance No:</i>		10857659			
<i>Instance ID:</i>		46771			
<i>Instance Type:</i>		FS Piping			
<i>Description:</i>		FS Piping			
<i>Status:</i>		EXPIRED			
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Facility Type:</i>					
<i>Expired Date:</i>					
29	12 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
<i>Instance No:</i>		10857635			
<i>Instance ID:</i>					
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Description:</i>		FS Gasoline Station - Self Serve			
<i>Status:</i>		EXPIRED			
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Facility Type:</i>		FS Liquid Fuel Tank			
<i>Expired Date:</i>		10/3/1989			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	13 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10857602 FS Liquid Fuel Tank FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 10/3/1989			
29	14 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10857650 FS Liquid Fuel Tank FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 10/3/1989			
29	15 of 15	WSW/159.7	79.8 / -1.03	SUNYS PETROLEUM INC 364 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10857617 FS Liquid Fuel Tank FS Gasoline Station - Self Serve EXPIRED FS Liquid Fuel Tank 10/3/1989			
30	1 of 2	ENE/166.9	77.5 / -3.37	Enbridge Gas Distribution Inc. 947 The Greenway Mississauga ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium:		8408-9CPQ5J 2013/10/21 Leak/Break 35 NATURAL GAS (METHANE) Confirmed Air Pollution			Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc:
		Pipeline/Components 947 The Greenway Mississauga			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 2013/10/21 Dt Document Closed: 2013/11/01 Incident Reason: Operator/Human Error Site Name: Single family home<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA: 1 1/4 inch plastic line strike, made safe Contaminant Qty: 0 other - see incident description		
				Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Air Spills - Gases and Vapours Source Type:		

30	2 of 2	ENE/166.9	77.5 / -3.37	947 THE GREENWAY, MISSISSAUGA ON	PINC
				Incident ID: Incident No: 1266230 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4687214 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2013/10/24 Operation Type: Pipeline Type: Regulator Type: Summary: 947 THE GREENWAY, MISSISSAUGA - PIPELINE HIT - 1 1/4" Reported By: Peter Bettiol - Enbridge Gas Affiliation: Occurrence Desc: Damage Reason: No notification made to the one call center Notes:	
				Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location:	

31	1 of 1	SW/170.9	79.8 / -1.03	362 Lakeshore Rd E Mississauga ON	SPL
				Ref No: 7027-97HLWX Site No: Incident Dt: 08-MAY-13 Year: Incident Cause: Overflow/Surcharge Incident Event: Contaminant Code: 44 Contaminant Name: SEWAGE,RAW UNCHLORINATED Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Confirmed Nature of Impact: Other Impact(s) Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 08-MAY-13 Dt Document Closed: 02-JUL-13 Incident Reason: Blockage	
				Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Sewer (Private or Municipal) Agency Involved: Nearest Watercourse: Site Address: 362 Lakeshore Rd E Site District Office: Site Postal Code: Site Region: Site Municipality: Mississauga Site Lot: Site Conc: Northing: NA Easting: NA Site Geo Ref Accu: NA Site Map Datum: NA SAC Action Class: Land Spills Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Name:		362 Lakeshore Road East			
Site County/District:					
Site Geo Ref Meth:		NA			
Incident Summary:		San. sewer back up; flushed, clog.			
Contaminant Qty:		0 other - see incident description			

32	1 of 1	W/178.3	79.8 / -1.03	ON	BORE
Borehole ID:	646237			Inclin FLG:	No
OGF ID:	215546620			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	JUL-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.564092
Total Depth m:	2.9			Longitude DD:	-79.57348
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615205
Drill Method:	Power auger			Northing:	4824448
Orig Ground Elev m:	80.7			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	81.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218514139			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Soil			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SOIL.				
Geology Stratum ID:	218514141			Mat Consistency:	
Top Depth:	2.9			Material Moisture:	
Bottom Depth:	2.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	Ordovician
Material 4:				Depositional Gen:	marine
Gsc Material Description:					
Stratum Description:	BEDROCK, SHALE. MARINE, AGE ORDOVICIAN. 012 00005039 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218514140			Mat Consistency:	Dense
Top Depth:	.2			Material Moisture:	
Bottom Depth:	2.9			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Gsc Material Description:
Stratum Description: TILL,SILT,GRAVEL, CLAY. GREY,BROWN,GLACIAL,DENSE, AGE GLACIAL.

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: TOR2.txt RecordID: 142590 NTS_Sheet: 30M12A		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

<u>33</u>	1 of 2	ENE/189.7	76.2 / -4.66	TOMCO HORTICULTURAL SERVICES 941 THE GREENWAY MISSISSAUGA ON L5G 1P7	PES
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Detail Licence No:		Operator Box:	
Licence No:		Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:		Oper Area Code:	
Licence Type:	Operator	Oper Phone No:	
Licence Type Code:		Operator Ext:	
Licence Class:		Operator Lot:	
Licence Control:		Oper Concession:	
Latitude:		Operator Region:	
Longitude:		Operator District:	
Lot:		Operator County:	
Concession:		Op Municipality:	
Region:		Post Office Box:	
District:		MOE District:	
County:		SWP Area Name:	
Trade Name:			
PDF Link:			

<u>33</u>	2 of 2	ENE/189.7	76.2 / -4.66	619151 ONTARIO INC. 941 THE GREENWAY MISSISSAUGA ON L5G 1P7	PES
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Detail Licence No:		Operator Box:	
Licence No:		Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:		Oper Area Code:	
Licence Type:	Operator	Oper Phone No:	
Licence Type Code:		Operator Ext:	
Licence Class:		Operator Lot:	
Licence Control:		Oper Concession:	
Latitude:		Operator Region:	
Longitude:		Operator District:	
Lot:		Operator County:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession: Region: District: County: Trade Name: PDF Link:				Op Municipality: Post Office Box: MOE District: SWP Area Name:	

34	1 of 1	NNE/197.1	79.8 / -1.03	MISSISSAUGA ON	WWIS
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Well ID:	7153813	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Other	Date Received:	11/1/2010
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	6926
Casing Material:		Form Version:	4
Audit No:	Z79670	Owner:	
Tag:		Street Name:	480 520- LAKESHORE RD. EAST
Construction Method:		County:	PEEL
Elevation (m):		Municipality:	MISSISSAUGA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003358010	Elevation:	80.186889
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	615439
Code OB Desc:		North83:	4824647
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/10/2010	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1003360019
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:					
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003360020			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003360021			
Layer:		2			
Plug From:		1			
Plug To:		6.2			
Plug Depth UOM:		m			
<u>Pipe Information</u>					
Pipe ID:		1003360018			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
Screen ID:		1003360023			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					

35 1 of 1 **WSW/199.4** **79.8 / -1.03** **363 Lakeshore Rd East**
Mississauga ON L5G 1H7 **EHS**

Order No:	20041109014	Nearest Intersection:	Roosevelt Rd
Status:	C	Municipality:	
Report Type:	Site Report	Client Prov/State:	ON
Report Date:	11/11/04	Search Radius (km):	0.25
Date Received:	11/9/04	X:	-79.573302
Previous Site Name:		Y:	43.563393
Lot/Building Size:			
Additional Info Ordered:			

36 1 of 1 **NNE/199.4** **79.8 / -1.03** **Massilly North America Inc** **EBR**

EBR Registry No:	IA7E0985.D	Decision Posted:	
Ministry Ref No:		Exception Posted:	
Notice Type:	Instrument	Section:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Notice Stage: Notice Date: Proposal Date: 7/4/97 Year: 1997 Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air) Off Instrument Name: Posted By: Company Name: Site Address: Location Other: Proponent Name: Proponent Address: Massilly North America Inc,6605 Kestrel Road,Mississauga, Ontario,L5T 1P4 Comment Period: URL:				Act 1: Act 2: Site Location Map:	
Site Location Details:					
City of Mississauga					

37	1 of 1	SW/205.1	79.8 / -1.03	ON	BORE
Borehole ID:	641052			Inclin FLG:	No
OGF ID:	215541447			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	NOV-1969			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.562503
Total Depth m:	3.8			Longitude DD:	-79.572403
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615295
Drill Method:	Power auger			Northing:	4824273
Orig Ground Elev m:	79.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	79.9				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218494596			Mat Consistency:	
Top Depth:	.1			Material Moisture:	Moist
Bottom Depth:	2.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Stones			Depositional Gen:	alluvial
Gsc Material Description:					
Stratum Description:	CLAY,SILT,SAND, STONES. BROWN,ALLUVIAL,MOIST, AGE POST-GLACIAL.				
Geology Stratum ID:	218494595			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:	Sand Silt			Geologic Period: Depositional Gen:	fill
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218494597 2.1 3.8 Brown Clay Silt Sand	FILL, GRAVEL, SAND, SILT. BROWN.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Moist alluvial
		CLAY, SILT, SAND. GREY, BROWN, ALLUVIAL, MOIST, AGE POST-GLACIAL. POST-GLACIAL			**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 M Urban Geology Automated Information System (UGAIS) File: TOR1B.txt RecordID: 090180 NTS_Sheet: 30M12A Reliable information but incomplete.	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
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Source List

Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada	Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
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38	1 of 3	SW/209.6	79.8 / -1.03	KWIK KOPY PRINTING 348 LAKESHORE RD E MISSISSAUGA ON L5G 1H5	SCT
Established: Plant Size (ft²): Employment:	1981 3				
--Details-- Description: SIC/NAICS Code:	PHOTOCOPYING & DUPLICATING SERVICES 7334				

38	2 of 3	SW/209.6	79.8 / -1.03	KWIK KOPY PRINTING 23-526 348 LAKESHORE RD. EAST MISSISSAUGA ON L5G 1H5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON1455900 92,93,94,95,96,97,98 2819 OTHER COMM. PRINTING			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
<u>38</u>	3 of 3	SW/209.6	79.8 / -1.03	Freepour Controls Inc. 348 Lakeshore Rd E Suite 207 Mississauga ON L5G 1H5	SCT
Established:		01-JUL-87			
Plant Size (ft²):		1000			
Employment:					
--Details--					
Description:		Computer Systems Design and Related Services			
SIC/NAICS Code:		541510			
Description:		Software Publishers			
SIC/NAICS Code:		511210			
<u>39</u>	1 of 1	SW/210.1	79.8 / -1.03	Photo Depot 348 Lakeshore Rd. E. - unit 1 Mississauga ON	SPL
Ref No:		1358-B3RMCJ		Discharger Report:	
Site No:		NA		Material Group:	
Incident Dt:		2018/08/18		Health/Env Conseq: 2 - Minor Environment	
Year:				Client Type: Corporation	
Incident Cause:				Sector Type: Unknown / N/A	
Incident Event:		Dumping		Agency Involved:	
Contaminant Code:		41		Nearest Watercourse:	
Contaminant Name:		WATER/SEDIMENT		Site Address: 348 Lakeshore Rd. E. - unit 1	
Contaminant Limit 1:				Site District Office: Halton-Peel	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:		n/a		Site Region: Central	
Environment Impact:				Site Municipality: Mississauga	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:		Land; Source Water Zone		Northing: 4824290	
MOE Response:		Yes		Easting: 615185	
Dt MOE Arvl on Scn:		2018/09/05		Site Geo Ref Accu:	
MOE Reported Dt:		2018/08/18		Site Map Datum: NAD83	
Dt Document Closed:				SAC Action Class: Land Spills	
Incident Reason:		Deliberate Act		Source Type: Container/Drum/Tote	
Site Name:		Photo Depot<UNOFFICIAL>			
Site County/District:		Regional Municipality of Peel			
Site Geo Ref Meth:					
Incident Summary:		"rust color[ed]" mop bucket water dumper behind business			
Contaminant Qty:		0 other - see incident description			
<u>40</u>	1 of 1	ENE/218.3	75.3 / -5.57	921 THE GREENWAY, MISSISSAUGA ON L5G 1P7	INC
Incident No:		240724			
Incident ID:		2392060			
Attribute Category:		FS-Incident			
Status Code:		Causal Analysis Complete			
Incident Location:		921 THE GREENWAY, MISSISSAUGA - 1/2" PIPELINE HIT			
Drainage System:					
Sub Surface Contam.:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water: Approx. Quant. Rel.: Equipment Model: Serial No: Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type: Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Service / Riser Distribution Pipeline Pipeline Involved: Pipe Material: Plastic Depth Ground Cover: Regulator Location: Outside Regulator Type: Service Regulator (up to 60 psi intake) Operation Pressure: lp Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: Fuel Type Involved: Date of Occurrence: Time of Occurrence: Occur Insp Start Date: Any Health Impact: Any Environmental Impact: Was Service Interrupted: Was Property Damaged: Operation Type Involved: Enforcement Policy: Prc Escalation Required: Task No: Notes: Occurrence Narrative: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					
41	1 of 1	NNE/220.1	79.8 / -1.03	Consumers Glass Company Limited Wine Bottle & Packaging Inc., 501 Lakeshore Road East CITY OF MISSISSAUGA ON	EBR
EBR Registry No:	IA9E0276			Decision Posted:	
Ministry Ref No:	8305599			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:	800473967			Act 1:	
Notice Date:	April 12, 1999			Act 2:	
Proposal Date:	March 03, 1999			Site Location Map:	
Year:	1999				
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)				
Off Instrument Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Posted By:					
Company Name:		Consumers Glass Company Limited			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		777 Kipling Avenue, Etobicoke Ontario, M8Z 5Z4			
Comment Period:					
URL:					
Site Location Details:					
Wine Bottle & Packaging Inc., 501 Lakeshore Road East CITY OF MISSISSAUGA					

42	1 of 1	SW/227.5	79.8 / -1.03	ON	BORE
Borehole ID:	641057			Inclin FLG:	No
OGF ID:	215541452			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	NOV-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.562324
Total Depth m:	-999			Longitude DD:	-79.572531
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615285
Drill Method:	Power auger			Northing:	4824253
Orig Ground Elev m:	79.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	80				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218494620	Mat Consistency:	
Top Depth:	3.8	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Shale	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	Ordovician
Material 4:		Depositional Gen:	marine
Gsc Material Description:			
Stratum Description:	SHALE. MARINE,AGE ORDOVICIAN. Y **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218494617	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.1	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Silt	Geologic Period:	
Material 4:	Gravel	Depositional Gen:	fill
Gsc Material Description:			
Stratum Description:	FILL,SAND,SILT, GRAVEL. BROWN.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218494619			Mat Consistency:	
Top Depth:	2.1			Material Moisture:	Moist
Bottom Depth:	3.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	lacustrine
Gsc Material Description:					
Stratum Description:	CLAY,SILT,SAND. GREY,BROWN,LACUSTRINE,MOIST, AGE GLACIAL.				
Geology Stratum ID:	218494618			Mat Consistency:	
Top Depth:	.1			Material Moisture:	Moist
Bottom Depth:	2.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Stones			Depositional Gen:	lacustrine
Gsc Material Description:					
Stratum Description:	CLAY,SILT,SAND, STONES. BROWN,LACUSTRINE,MOIST, AGE GLACIAL.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR1B.txt RecordID: 090230 NTS_Sheet: 30M12A				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
43	1 of 1	N/228.0	78.2 / -2.70	Mississauga ON	WWIS
Well ID:	7284449			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	4/5/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7383
Casing Material:				Form Version:	7
Audit No:	Z241877			Owner:	
Tag:	A212189			Street Name:	501 LAKESHORE RD
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	MISSISSAUGA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1006375890			Elevation:	80.584304
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615352
Code OB Desc:				North83:	4824684
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/22/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
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:	1006630828				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:	77				
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006630829				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Other Materials:	SAND				
Mat3:	79				
Other Materials:	PACKED				
Formation Top Depth:	10				
Formation End Depth:	16				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006630837				
Layer:	1				
Plug From:	0				
Plug To:	1				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006630838				
Layer:	2				
Plug From:	1				
Plug To:	5				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006630839				
Layer:	3				
Plug From:	5				
Plug To:	16				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1006630827				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1006630832				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	6				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1006630833				
Layer:	1				
Slot:	.10				
Screen Top Depth:	6				
Screen End Depth:	16				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2.375				
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID:		1006630830			
Diameter:		6			
Depth From:		0			
Depth To:		16			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

44	1 of 1	N/228.2	78.8 / -2.07	501 Lakeshore Road East Mississauga ON L5G 1H9	EHS
Order No:	20180906046			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	12-SEP-18			Search Radius (km):	.25
Date Received:	06-SEP-18			X:	-79.57132
Previous Site Name:				Y:	43.566211
Lot/Building Size:					
Additional Info Ordered:					

45	1 of 1	SSE/231.2	77.9 / -2.93	ON	BORE
Borehole ID:	639487			Inclin FLG:	No
OGF ID:	215539884			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	NOV-1969			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.562121
Total Depth m:	1.8			Longitude DD:	-79.570679
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615435
Drill Method:	Power auger			Northing:	4824233
Orig Ground Elev m:	78.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	77.9				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218488489			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	0			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Asphalt			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ASPHALT.				
Geology Stratum ID:	218488491			Mat Consistency:	Stiff
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Silt Sand			Geologic Group: Geologic Period: Depositional Gen:	lacustrine
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218488490 0 .2 Brown Fill Gravel Sand Silt	CLAY,SILT,SAND. GREY,BROWN,LACUSTRINE,STIFF.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	fill
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218488492 .6 1.2 Brown Clay Sand Silt			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	lacustrine
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218488493 1.2 1.8 Brown Till Clay Silt Sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	glacial
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 M			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source Name: Source Details: Confiden 1:	Urban Geology Automated Information System (UGAIS) File: TOR1B.txt RecordID: 074510 NTS_Sheet: 30M12A Reliable information but incomplete.				
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator

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1 of 1

NNE/234.7

79.8 / -1.03

Mississauga ON

WWIS

Well ID:

7237053

Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	2/9/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	
Water Type:				Contractor:	7295
Casing Material:				Form Version:	7
Audit No:	Z192947			Owner:	
Tag:				Street Name:	501 LAKESHORE RD E
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	MISSISSAUGA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005304034			Elevation:	80.023925
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	615459
Code OB Desc:				North83:	4824680
Open Hole:				Org CS:	dms83
Cluster Kind:				UTMRC:	4
Date Completed:	12/11/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
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:	1005537832				
Layer:	1				
Plug From:					
Plug To:					
Plug Depth UOM:	ft				
<u>Pipe Information</u>					
Pipe ID:	1005537825				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1005537829				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		1.8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005537830			
Layer:		1			
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Hole Diameter</u>					
Hole ID:		1005537827			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>47</u>	1 of 1	SW/245.5	79.8 / -1.03	ON	BORE
Borehole ID:	641053			Inclin FLG:	No
OGF ID:	215541448			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	NOV-1969			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.562237
Total Depth m:	1.2			Longitude DD:	-79.572781
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615265
Drill Method:	Power auger			Northing:	4824243
Orig Ground Elev m:	80.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	80				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218494600	Mat Consistency:	
Top Depth:	.2	Material Moisture:	Moist
Bottom Depth:	1.2	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Silt	Geologic Period:	
Material 4:		Depositional Gen:	alluvial
Gsc Material Description:			
Stratum Description:	CLAY,SAND,SILT. BROWN,ALLUVIAL,MOIST. G **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218494598			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	0			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Asphalt			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ASPHALT.				
Geology Stratum ID:	218494599			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:	FILL,GRAVEL,SAND. BROWN.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Ident:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR1B.txt RecordID: 090190 NTS_Sheet: 30M12A				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
48	1 of 1	S/245.6	78.4 / -2.51	ON	BORE
Borehole ID:	641260			Inclin FLG:	No
OGF ID:	215541655			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	NOV-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.561947
Total Depth m:	1.8			Longitude DD:	-79.571178
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	615395
Drill Method:	Power auger			Northing:	4824213
Orig Ground Elev m:	78.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	79.3				
Concession:					

Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	218495430	Mat Consistency:	Stiff
Top Depth:	.2	Material Moisture:	
Bottom Depth:	.6	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:	Sand	Geologic Period:	
Material 4:		Depositional Gen:	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND. GREY,BROWN,LACUSTRINE,STIFF, AGE GLACIAL.		

Geology Stratum ID:	218495431	Mat Consistency:	
Top Depth:	.6	Material Moisture:	
Bottom Depth:	1.2	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:	Sand	Geologic Period:	
Material 4:		Depositional Gen:	lacustrine
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND. BROWN,LACUSTRINE,AGE GLACIAL.		

Geology Stratum ID:	218495432	Mat Consistency:	
Top Depth:	1.2	Material Moisture:	
Bottom Depth:	1.8	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Till	Geologic Formation:	
Material 2:	Clay	Geologic Group:	
Material 3:	Silt	Geologic Period:	
Material 4:	Sand	Depositional Gen:	glacial
Gsc Material Description:			
Stratum Description:	TILL,CLAY,SILT,SAND.GREY,BROWN,GLACIAL, AGE GLACIAL.		

Geology Stratum ID:	218495428	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	0	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Asphalt	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	ASPHALT.		

Geology Stratum ID:	218495429	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.2	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Fill	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	fill
Gsc Material Description:			
Stratum Description:	FILL. BROWN.		

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
---------------------	-------------	---------------------	-----------------

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: M Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: TOR1B.txt RecordID: 092260 NTS_Sheet: 30M12A Confiden 1: Reliable information but incomplete.		Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level			
Source List					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada		Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator			
49	1 of 2	WSW/246.2	80.8 / -0.12	PLATIS AND SON CLEANERS 30-860 347 LAKESHORE ROAD EAST #2 MISSISSAUGA ON L5G 1H6	GEN
Generator No: ON0564109 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 9721 SIC Description: POWER LAUND./CLEANER		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS					
49	2 of 2	WSW/246.2	80.8 / -0.12	PLATIS & SONS CLEANERS 347 LAKESHORE ROAD EAST #2 MISSISSAUGA ON L5G 1H6	GEN
Generator No: ON0564109 Status: Approval Years: 99,00,01 Contam. Facility: MHSW Facility: SIC Code: 9721 SIC Description: POWER LAUND./CLEANERS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			
Detail(s)					
Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS					
50	1 of 1	NW/249.6	78.1 / -2.80	MCGROW LANDSCAPING 1058 ENOLA DRIVE MISSISSAUGA ON L5G4A9	PES
Detail Licence No: Licence No: 03627 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Operator		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 905 Oper Phone No: 8912143			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:	01 06			Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

51	1 of 1	NW/249.7	78.1 / -2.80	MCGROW LANDSCAPING 1058 ENOLA DRIVE MISSISSAUGA ON L5G 4A9	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:	Operator			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:	

Unplottable Summary

Total: 12 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Regional Municipality of Peel	From Enola Avenue to Alexandra Avenue and Beechwood Ave	Mississauga ON	
CA	REG. MUN. OF PEEL	THE GREENWAY/EASEMENT	MISSISSAUGA ON	
ECA	The Regional Municipality of Peel	From Enola Avenue to Alexandra Avenue and Beechwood Ave	Mississauga ON	L6S 4J3
EHS		CON 4 EHS PT LT 5 RP 43260 PT 10 on Shawson Drive	Mississauga ON	
GEN	MANITOULIN TRANSPORT INC.	(CHAWMERE TRANSPORT) SHAWSON ROAD	MISSISSAUGA ON	L4W 1X8
SCT	SIEMENS CANADA LIMITED	3675 SHAWSON DR	MISSISSAUGA ON	L5T 1S7
SPL	The Regional Municipality of Peel	NE Corner of Britania Rd and Shawson Dr	Mississauga ON	
SPL		Dixie Road, just north of Shawson	Mississauga ON	
SPL	UNKNOWN	CREEK ON MATHESON BETWEEN DIXIE AND TOMKEN, TO 5916 SHAWSON BLVD.	MISSISSAUGA CITY ON	
SPL	The Corporation of the City of Mississauga	Elmwood Ave - south of lakeshore east and Hwy 10	Mississauga ON	
SPL	PRIVATE OWNER	SHAWANAGA TRAIL MOTOR VEHICLE (OPERATING FLUID)	MISSISSAUGA CITY ON	
SPL	Seneca Autobody Complete Restoration and Collision Inc.	Enola Ave	Mississauga ON	

Unplottable Report

Site: *The Regional Municipality of Peel*
From Enola Avenue to Alexandra Avenue and Beechwood Ave Mississauga ON

Database:
[CA](#)

Certificate #: 4613-7Y7PSM
Application Year: 2009
Issue Date: 12/2/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *REG. MUN. OF PEEL*
THE GREENWAY/EASEMENT MISSISSAUGA ON

Database:
[CA](#)

Certificate #: 3-0348-85-006
Application Year: 85
Issue Date: 5/1/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Regional Municipality of Peel*
From Enola Avenue to Alexandra Avenue and Beechwood Ave Mississauga ON L6S 4J3

Database:
[ECA](#)

Approval No: 4613-7Y7PSM
Approval Date: 2009-12-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Credit Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: From Enola Avenue to Alexandra Avenue and Beechwood Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5692-7XYR7Y-14.pdf>

MOE District: Halton-Peel
City:
Longitude: -79.5801
Latitude: 43.5717
Geometry X:
Geometry Y:

Site: *CON 4 EHS PT LT 5 RP 43260 PT 10 on Shawson Drive Mississauga ON*

Database:
[EHS](#)

Order No: 20050608010
Status: C
Report Type:
Report Date: 6/17/2005

Nearest Intersection: Atlantic Drive
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25

Date Received: 6/8/2005 X: -79.637886
Previous Site Name: Y: 43.657934
Lot/Building Size: approx 2 acre lot
Additional Info Ordered: Title Search

Site: MANITOULIN TRANSPORT INC. **Database:**
(CHAWMERE TRANSPORT) SHAWSON ROAD MISSISSAUGA ON L4W 1X8 **GEN**

Generator No: ON0404002 PO Box No:
Status: Country:
Approval Years: 86,87,88,89,90,92,93,94 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

Site: SIEMENS CANADA LIMITED **Database:**
3675 SHAWSON DR MISSISSAUGA ON L5T 1S7 **SCT**

Established: 0000
Plant Size (ft²): 0
Employment: 0

--Details--

Description: MEDICAL, DENTAL, AND HOSPITAL EQUIPMENT AND SUPPLIES
SIC/NAICS Code: 5047

Site: The Regional Municipality of Peel **Database:**
NE Corner of Britania Rd and Shawson Dr Mississauga ON **SPL**

Ref No: 1753-AQEKA8 Discharger Report:
Site No: NA Material Group:
Incident Dt: 8/20/2017 Health/Env Conseq: 2 - Minor Environment
Year: Client Type: Municipal Government
Incident Cause: Sector Type: Unknown / N/A
Incident Event: Leak/Break Agency Involved:
Contaminant Code: 43 Nearest Watercourse: Lake Ontario
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT) Site Address: NE Corner of Britania Rd and Shawson Dr
Contaminant Limit 1: Site District Office: Halton-Peel
Contam Limit Freq 1: n/a Site Postal Code:
Contaminant UN No 1: n/a Site Region: Central
Environment Impact: Site Municipality: Mississauga
Nature of Impact: Site Lot:
Receiving Medium: Site Conc:
Receiving Env: Surface Water Northing:
MOE Response: No Easting:
Dt MOE Arvl on Scn: Site Geo Ref Accu:
MOE Reported Dt: 8/20/2017 Site Map Datum:
Dt Document Closed: SAC Action Class: Watercourse Spills
Incident Reason: Unknown / N/A Source Type: Water Supply
Site Name: Water Main Break<UNOFFICIAL>
Site County/District: Regional Municipality of Peel
Site Geo Ref Meth:
Incident Summary: RofP: Water Main Break- Sediments to Little Etobicoke Crk
Contaminant Qty: 0 other - see incident description

Site: Dixie Road, just north of Shawson Mississauga ON **Database:**
SPL

Ref No: 5135-796DGR Discharger Report:
Site No: Material Group: Oil
Incident Dt: Health/Env Conseq:
Year: Client Type:

Incident Cause:	Other Transport Accident	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Mississauga
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	11/21/2007	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	Spill	Source Type:	
Site Name:	MVA - TT and Pickup<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA - 400 litres diesel to catchbasin		
Contaminant Qty:	400 L		

Site: UNKNOWN
CREEK ON MATHESON BETWEEN DIXIE AND TOMKEN, TO 5916 SHAWSON BLVD. MISSISSAUGA CITY ON **Database:** SPL

Ref No:	175631	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	12/8/1999	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNKNOWN	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	21102
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	REGION OF PEEL & WORKS.
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	12/8/1999	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SOURCE UKN-OILY SHEEN IN CREEK, C.B. CRACKS INFIL-TRATION,BOOMED,REG. & ERP		
Contaminant Qty:			

Site: The Corporation of the City of Mississauga
Elmwood Ave - south of lakeshore east and Hwy 10 Mississauga ON **Database:** SPL

Ref No:	2643-8W9KBH	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	16-JUL-12	Health/Env Conseq:	
Year:		Client Type:	Water Supply
Incident Cause:	Discharge Or Bypass To A Watercourse	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	43	Nearest Watercourse:	
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	Site Address:	Elmwood Ave - south of lakeshore east and Hwy 10
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Mississauga

Nature of Impact: Surface Water Pollution
Receiving Medium: Sewage - Municipal/Private and Commercial
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 16-JUL-12
Dt Document Closed:
Incident Reason: Other - Reason not otherwise defined
Site Name: Watermain break <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: RoPeel: watermain break, sediment to L.Ont.
Contaminant Qty:

Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Site: PRIVATE OWNER
 SHAWANAGA TRAIL MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON

Database:
 SPL

Ref No: 26343
Site No:
Incident Dt: //
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/9/1989
Dt Document Closed:
Incident Reason: WELD/SEAM FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: MOTOR VEHICLE- BURST GAS TANK PERMITS UP TO 80 LTR TO STORM SEWERS
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 21102
Site Lot:
Site Conc:
Northing:
Easting: PEEL REGION POLICE, SPILLS MISS. FD
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Seneca Autobody Complete Restoration and Collision Inc.
 Enola Ave Mississauga ON

Database:
 SPL

Ref No: 1231-7JDVUS
Site No:
Incident Dt:
Year:
Incident Cause: Unknown
Incident Event:
Contaminant Code: 24
Contaminant Name: SOLVENT (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Fish Kill; Human Health/Safety; Soil Contamination; Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Priority Field Response (ERP Callout)
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/11/2008
Dt Document Closed:
Incident Reason: Unknown - Reason not determined

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

Site Name: Cumberland Creek
Site County/District:
Site Geo Ref Meth:
Incident Summary: Cumberland Creek. solvent in creek. Mississauga
Contaminant Qty: 0 L

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial

[AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial

[BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Feb 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Apr 30, 2020

Drill Hole Database:

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2020

Environmental Registry:

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Apr 30, 2020

Environmental Compliance Approval:

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Apr 30, 2020

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jan 31, 2020

Environmental Issues Inventory System:

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2019

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2020

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Apr 30, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988 - Apr 2020

Pipeline Incidents:

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Apr 30, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2020

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Feb 28, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

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

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX C



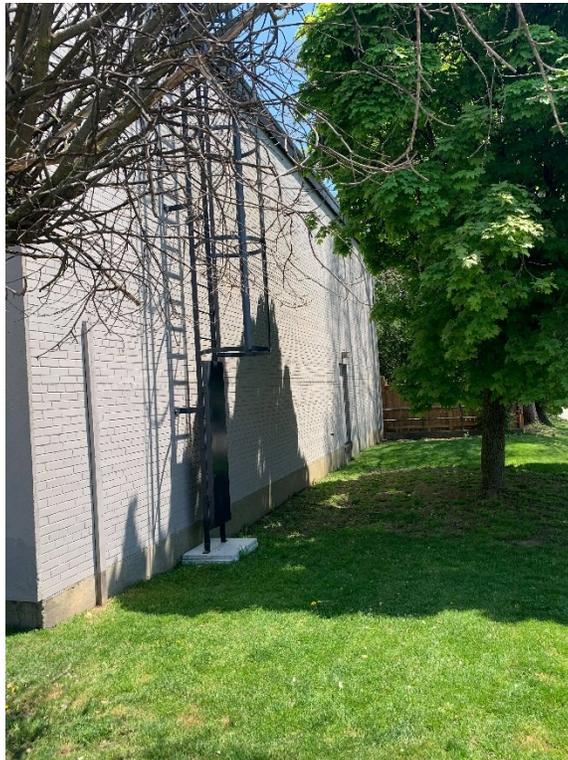
420 Lakeshore Road East: Site, looking south.



420 Lakeshore Road East: Site, Looking South west.



420 Lakeshore Road East: Eastern Portion of the Site, Looking West.



420 Lakeshore Road East: Western Portion of the Site, looking south.



420 Lakeshore Road East: Interior of Onsite Building



420 Lakeshore Road East: Refrigerated Storage of On-Site building



420 Lakeshore Road East: Eye Washing Station and hydraulic lift present in south eastern corner of On-Site Building



420 Lakeshore Road East: Hydraulic Lift Controls in south eastern portion of On-site building



420 Lakeshore Road East: Former refrigeration unit for on-site building in mechanical room in south east corner of the building. Current refrigeration unit is natural gas and housed on the rooftop.



420 Lakeshore Road East: natural gas water heater for on Site Building.



420 Lakeshore Road East: Chimney Cleanout in south east corner of on-site building. Potential evidence of historic coal usage on Site.



411 Lakeshore Road East: Active Construction Site and Commercial Auto Garage immediately North of the Site.



456 Lakeshore Road East: Gas Station present immediately East of the Site.



968 Enola Avenue: Residential development consisting of detached single family dwellings to the south of the Phase One Site.



374-406 Lakeshore Road East: Commercial development immediately west of the Site. Dry Cleaners Present in the development at 386 Lakeshore Road East.