



**BURNSIDE**

**Phase One Environmental Site  
Assessment  
Ninth Line, Mississauga, ON**

**St. Mark and St. Demiana Church  
2188 Robinwood Court  
Mississauga, ON L5M 5B9**

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-	March 20, 2020	Initial Submission to Client
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## Executive Summary

R.J. Burnside & Associates Limited (Burnside) was retained by St. Mark and St. Demiana Church (Client) to complete a Phase One Environmental Site Assessment (ESA) of the property located on Ninth Line south of Burnhamthorpe Road West in Mississauga, Ontario.

The Phase One Environmental Site Assessment (ESA) was completed in accordance with CSA document Z768-01 and Ontario Regulation 153/04, as amended. The purpose of the Phase One ESA was to identify Potentially Contaminating Activities and Areas of Potential Environmental Concern as defined by O.Reg 153/04.

The Phase One Property is an approximately rectangular-shaped parcel of land, being about 3.93 ha in size, situated east of Ninth Line and south of Burnhamthorpe Road West. The south portion of Phase One Property (approximately 7,250 m<sup>2</sup>) is presently used for woodcutting and the storage of equipment and vehicles owned by the tree care company (tenant). The remainder of the property is vacant. The Phase One Property has a municipal address of 0 Ninth Line and is classified by the Mississauga Official Plan as Employment Area Land Use.

A historical map of the South Trafalgar (1880) and aerial photographs show the Phase One Property as vacant land until between 1988 and 2004 when the south portion was developed for use by a tree care company and a large 3-sided shed for wood storage was constructed. Surrounding lands were primarily agricultural/residential. Highway 403 to the east was constructed in the 1980's.

Based on a review of available information, the Site inspection, interview and records review, the following Potentially Contaminated Areas (PCAs), as defined by O.Reg 153/04, were identified on the Phase One Property and adjacent properties.

- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks
  - Related to the former presence of two (2) diesel ASTs and storage of lubricants in various barrels/containers.
  - Relate to the presence of an empty AST and various empty oil/lubricant containers on the adjacent property immediately south of the Phase One Property.
- PCA #30 Importation of Fill Material of Unknown Quality
  - Related to the presence of fill along the east and south property boundaries.
- PCA #40 Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing, bulk storage and large-scale applications.

- Related to the use of pesticides/herbicides during crop production on the agricultural land.
- PCA #52 Storage, maintenance, fueling and repair of equipment, vehicles, and material used to maintain transportation systems.
  - Related to storage and routine maintenance of vehicles and heavy equipment on the south side of the Phase One Property.

Based on the above, and in accordance with O.Reg 153/04, the following Areas of Potential Environmental Concern (APECs) were identified at the Phase One Property:

- APEC 1 – Aboveground Storage Tanks
  - Related to two (2) fuel storage tanks formerly located northwest of the woodshed on the south side of the property and one (1) empty AST on the adjacent property to the south, immediately south of the Phase One Property.
  - Contaminants of concern in soil and groundwater include O. Reg. 153/04 petroleum hydrocarbons (PHCs) and O. Reg. 153/04 benzene, toluene, ethylbenzene and xylenes (BTEX).
- APEC 2 – Areas used for Vehicle and Equipment Maintenance
  - Related to storage and maintenance of vehicles and heavy equipment on the south side of the property.
  - Contaminants of concern in soil and groundwater include O. Reg. 153/04 PHCs, O. Reg. 153/04 BTEX and O. Reg 153/04 Volatile Organic Compounds (VOCs).
- APEC 3 – Areas Containing Fill/Debris
  - Related to a built-up area of presumed fill material including observed debris/waste.
  - Contaminants of concern in soil and groundwater include O. Reg. 153/04 PHCs, O. Reg. 153/04 BTEX, O. Reg. 153/04 Polychlorinated Biphenyls (PCBs), O. Reg. 153/04 VOCs and O. Reg. 153/04 Semi-Volatile Organic Compounds (SVOCs).
- APEC 4 – Berm Containing Fill
  - Related to a large berm of presumed fill material located on the east side of the property along Highway 403.
  - Contaminants of concern in soil and groundwater include O. Reg. 153/04 PHCs, O. Reg. 153/04 BTEX, O. Reg. 153/04 PCBs, O. Reg. 153/04 VOCs and O. Reg. 153/04 SVOCs.
- APEC 5 – Agricultural Field

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- Related to potential pesticide use on the agricultural field on the north and central areas of the Phase One Property.
- Contaminants of concern in soil include O. Reg. 153/04 pesticides.

Based on the identification of APECs a Phase Two ESA is recommended to confirm the quality of soil and groundwater at the Phase One Property.

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In the preparation of the various instruments of service contained herein, R.J. Burnside & Associates Limited was required to use and rely upon various sources of information (including but not limited to: reports, data, drawings, observations) produced by parties other than R.J. Burnside & Associates Limited. For its part R.J. Burnside & Associates Limited has proceeded based on the belief that the third party/parties in question produced this documentation using accepted industry standards and best practices and that all information was therefore accurate, correct and free of errors at the time of consultation. As such, the comments, recommendations and materials presented in this instrument of service reflect our best judgment in light of the information available at the time of preparation. R.J. Burnside & Associates Limited, its employees, affiliates and subcontractors accept no liability for inaccuracies or errors in the instruments of service provided to the client, arising from deficiencies in the aforementioned third party materials and documents.

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## 1.0 Introduction

R.J. Burnside & Associates Limited (Burnside) was retained by St. Mark and St. Demiana Church (Client) to complete a Phase One Environmental Site Assessment (ESA) of the property located on Ninth Line south of Burnhamthorpe Road West in Mississauga, Ontario (hereinafter referred to as the "Phase One Property"). Figure 1 illustrates the location of the Phase One Property.

The Phase One Environmental Site Assessment (ESA) was completed in accordance with CSA document Z768-01 and Ontario Regulation 153/04, as amended. The purpose of the Phase One ESA was to identify Potentially Contaminating Activities and Areas of Potential Environmental Concern as defined by O.Reg 153/04.

### 1.1 Phase One Property Information

The Phase One Property is situated within the western limits of the City of Mississauga, Region of Peel and is an approximately rectangular-shaped parcel of land, being about 3.93 ha in size, situated east of Ninth Line and south of Burnhamthorpe Road West. A legal survey of the Phase One Property is provided in Appendix A.

Within this report project north is interpreted as northwest toward Burnhamthorpe Road, with Ninth Line running in a north-south direction.

The south portion of Phase One Property is presently leased by a tree care company for vehicle and equipment storage; the remainder of the property is vacant. The Phase One Property has a municipal address of 0 Ninth Line and is classified by the Mississauga Official Plan as Employment Area Land Use. Figure 2 illustrates the layout of the Phase One Property.

The legal description for the Phase One Property is as follows:

**Table 1: Phase One Property Information**

<b>Municipal Address</b>	<b>Legal Address</b>	<b>Property Identification Number</b>
0 Ninth Line	RCP 1542 Part of Lot 9, RP 43R37503, Parts 6, 7 and 9, City of Mississauga	13413-0112(LT)

Title search documents are provided in Appendix B.

**Table 2: Client Contact Information**

Developer Representative: Mr. Moheb Michael St. Mark and St. Demiana Coptic Orthodox Church	Phone: 416-888-8843 Email: mohebmicahel@rogers.com
Owner Representative: Mr. Frank Gasbarre The Erin Mills Development Corporation 2300 Steeles Avenue West, Suite 220 Concord, Ontario L4K 5X6	Phone: 416-736-1809 Email: f.gasbarre@erinmillsdev.com

## 2.0 Scope of Work

The Phase One ESA was conducted in general conformity with the requirements set out in the Canadian Standards Association (CSA) Standard Z768-01, titled Phase I Environmental Site Assessment and in accordance with Ontario Regulation 153/04, Records of Site Condition – Part XV.1 of the Environmental Protection Act, as amended.

The scope of the work included:

- A review of available historical and current environmental information pertaining to the Phase One Property and neighbouring properties located within a 250 m radius.
- A visual inspection of the Phase One Property, as well as a property line inspection of neighbouring lands for evidence of any potentially contaminating activities.
- Interviews with persons, where available, who are knowledgeable about the Phase One Property, including current and past owners, employees, and others who may have performed or provided services at the subject property.
- Preparation of this Phase One ESA Report that includes all environmentally relevant findings, observations and support materials.

The following information was reviewed to evaluate past and/or current practices on the Phase One Property:

- Environmental source information for various Federal, Provincial and private database records were acquired through Environmental Risk Information Services (ERIS).
- A review of the available historical and current land use information for the Phase One Property as well as adjacent and neighbouring Sites in the Phase One Study Area, including title searches; historical aerial photographs; and fire insurance plans (including Goads Fire Insurance Maps).
- A review of relevant topographical, geological and ecological reference maps that include the subject property and surrounding area.



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- A review of relevant provincial government regulatory information and guidelines from the Ministry of Environment, Conservation and Parks (MECP) the Ministry of Labour (MOL), as well as applicable municipal /city environmental standards and bylaws.
- A review of several land use databases from the MECP, for properties that may have been registered as waste disposal sites, Polychlorinated Biphenyl (PCB) storage sites, or coal and gasification sites, as well as registered waste generating sites.
- A review of information available from MECP Freedom of Information (FOI) offices; Fuels Safety Division of the Technical Standards and Safety Authority (TSSA) for information pertaining to fuel storage tanks.

The site visit and interview questions were completed to assess:

- History of the lands.
- Infrastructure and servicing.
- Areas of known or potential underground storage tanks.
- Waste disposal practices.
- Evidence of fill material importation.
- Chemical storage and handling.
- Housekeeping practices.
- Site drainage and topography.

This report documents the findings of the Phase One ESA and includes the identification of Potential Contaminating Activities (PCAs) or Areas of Potential Environmental Concern (APEC).

## **2.1 Limitations**

The Phase One Environmental Site Assessment (ESA) was completed in accordance with CSA document Z76801 and in general accordance with Ontario Regulation 153/04, as amended. The Phase One ESA was prepared as part of the development approvals process for the proposed use of the property as a church. The Client indicated that a Record of Site Condition (RSC) was not required and accordingly this report does not comply with all of the RSC submission requirements.

All areas of the Phase One Property were accessible during the inspection process and there was no significant impairment to the observations. Inspection of the surrounding properties were limited to areas visible from the Phase One Property or from publicly accessible vantage points.

### **3.0 Records Review**

#### **3.1 General**

##### **3.1.1 Phase One Study Area Determination**

A review of historical mapping, aerial photographs, and other readily available documents was completed. A preliminary search for significant industrial Sites within one (1) km of the subject property was completed to identify significant potential environmental concerns.

Based on findings from the records review, there were no coal gasification waste sites; no industrial sites producing or using coal tar or related tars; or properties registered in the Brownfields Environmental Site Registry, that are suspected to be of potential concern within one (1) km of the Phase One Property. There were no registered Waste Disposal Sites, Waste Receiver Sites, and Landfill Sites within a 250 m radius of the property boundaries of the Phase One Study area.

Accordingly, a 250 m search radius is considered sufficient in identifying Potential Contaminating Activities (PCAs) associated with current and past uses of the Phase One Property and surrounding properties.

#### **3.2 First Developed Use**

A historical map of the South Trafalgar (1880) shows that the Phase One Property was part of a former agricultural parcel of land owned by William T. Brown (Figure 3) that extended south to Dundas Street West. Census information indicates that eight (8) people lived on the property at the time, with the residence situated located south of the Phase One Property near the intersection of Ninth Line with Dundas Street West. Surrounding lands were primarily agricultural/residential.

The First Developed Use is interpreted to be agricultural which occurred sometime prior to 1880.

#### **3.3 Physical Setting Sources**

##### **3.3.1 Topography and Drainage**

The elevation of the Site is about 178 to 185 m above sea level (masl), sloping from the raised berm on the east side of the Site to the west-southwest across the Site.

A topographic survey of the Site is provided in Appendix A. The local topography is undulating to gently sloping to the south (Canada Department of Agriculture, 1974) and accordingly surface drainage and shallow groundwater is interpreted to flow in a southerly direction (Figure 4). Regionally, the land slopes to the south toward Lake Ontario approximately 8 km south of the Site.

There are no water bodies on the Phase One Property. The closest water body is a tributary to the Joshua's Creek within the Oakville East Urban Creeks Subwatershed 120 m west of the Phase One Property. Lake Ontario is located about 8 km to the south.

There are no mapped wetlands on the Phase One Property. The nearest mapped wetland is a portion of the North Oakville-Milton East Wetland Complex Provincially Significant Wetland (PSW), which is located approximately 100 m south of the Site surrounding Joshua's Creek based on mapping provided by the Ministry of the Environment, Conservation and Parks (MECP, 2020c).

### **3.3.2 Physiography**

The Site is located in the South Slope physiographic region (Chapman and Putnam, 1984). This region spans laterally along Lake Ontario between the lower glaciolacustrine sediments and the Oak Ridges Moraine to the north. The South Slope region is characterized by till plains, often drumlinized, overlying limestones of the Verulam and Lindsay Formations, grey shales of the Georgian Bay Formation, and red shales of the Queenston Formation, with fragments of these formations incorporated into the overlying tills in each area. In the area of the Site, fragments of the Queenston Formation are commonly found within the overlying till.

### **3.3.3 Regional and Local Geology**

Surficial geology mapping published by the Ontario Geological Survey (OGS, 2010) indicates that the soil is composed of glaciolacustrine-derived deposits of silty to clayey till (Figure 5).

Bedrock in the area is composed of the Queenston Formation (Figure 6; OGS, 2011). Bedrock of the Queenston Formation is of Upper Ordovician age and typically characterized by red shale with small amounts of green shale, siltstone, sandstone (Armstrong, 2001). The bedrock surface at the Site is typically found at a depth of about 20 m below ground surface (mbgs) or 160 masl (Oak Ridges Moraine Groundwater Program Website, 2020).

A review of MECP (2020a) water well records within 500 m of the Site generally indicated the following stratigraphic layers in the vicinity of the Site, from top to bottom:

- Clay with stones/boulders, grey to brown, from ground surface to 13 to 21 m below ground surface (mbgs).
- Sand was identified in 2 of 7 well records, grey to red to green in colour, from about 15 to 20 mbgs in one well record and from ground surface to 6 mbgs in the other well record.
- Red shale was identified beginning at 2 mbgs in one well record and beginning between 13 and 21 mbgs in the other well records.

It is interpreted that surficial soils in the vicinity of the Site typically consist of clay till, occasionally with sand layers identified close to ground surface. Shale bedrock is typically found around 13 to 21 mbgs but has been found shallower in some areas.

### 3.3.4 Site Stratigraphy

Seven boreholes were advanced at the Phase One Property in February 2020 as part of a geotechnical study (CMT, 2020) and hydrogeological assessment (Burnside, 2020). The stratigraphic layers were identified as follows:

- **Topsoil:** silty, organic, dark brown, loose, moist from ground surface to about 0.1 mbgs.
- **Shallow fine-grained soils:** clayey silt, some sand to sandy, trace to some gravel, trace organics and rootlets, brown to grey, soft becoming hard with increasing depth, moist from below the topsoil to about 1.7 to 4.6 mbgs.
- **Perched sand aquifer:** a shallow discontinuous sand layer was encountered in BH1 and BH6 below the clayey silt with a thickness of about 0.2 to 1.0 m. The sand layer was moist to wet, brown to grey with trace silt and gravel. This upper sand aquifer was not identified in the other boreholes on the Site and is interpreted to be perched and laterally discontinuous.
- **Silt till aquitard:** silt, some sand and clay to sandy and clayey, trace gravel, grey, dense to very dense, moist to wet. The silt till was identified in all boreholes from below the clayey silt (and shallow sand in BH1 and BH6) to about 3.9 to 6.1 mbgs.
- **Confined sand aquifer:** sand, some silt, trace clay, trace gravel, grey, dense, wet from below the silt till beginning around 3.9 to 6.1 mbgs to the terminal depth of the boreholes in BH1, BH2 and BH6.

The findings of the borehole for the Site are generally consistent with the published surficial geology mapping and MECP water well records for the area, indicating clayey till material at surface with variable thickness and intermittent sand layers underlain by red shale bedrock beginning around 13 to 21 mbgs.

## 3.4 Historical Documents

### 3.4.1 Chain of Title

Land Title information for the Phase One Property was obtained from the applicable Land Registry Office dating back to 1984, which is interpreted as the date the land parcel was severed. The Chain of Title indicates that the Phase One Property was originally and is still owned by The Erin Mills Development Corporation. Table 3 provides a summary of the current and past uses of the property.

**Table 3: Current and Past Uses of the Phase One Property**

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
<b>Ninth Line (RCP 1542 Part of Lot 9, RP 43R37503, Parts 6, 7 and 9), Mississauga, Ontario</b>				
1880 to 1984	Unknown	Vacant	Agricultural	<ul style="list-style-type: none"> <li>The 1880 South Trafalgar Map shows that the Phase One Property was agricultural land.</li> </ul>
1984 to Present	The Erin Mills Development Corporation	Vacant	Agricultural	<ul style="list-style-type: none"> <li>The Title Search identifies The Erin Mills Development Corporation as the original property owner.</li> <li>Severances of other lands to The Bank of Nova Scotia occurred in 1989.</li> <li>Leases to Rogers Cantel Inc. and Rogers Wireless Inc. are listed in 1999 and 2004.</li> </ul>
1988-2004 to Present	The Erin Mills Development Corporation	Vacant  Woodcutting and Vehicle Storage / Maintenance South Side	Agricultural / Industrial	<ul style="list-style-type: none"> <li>The 1888 aerial photograph shows vacant land.</li> <li>The 2004 aerial photograph shows an unpaved laneway and equipment/debris on the south side of the Site.</li> <li>The current (2019) aerial photograph shows the south side of the Phase One Property is unpaved with various wood piles and vehicles/equipment present. A large shed is visible on the southeast side of the Phase One Property.</li> </ul>

The Chain of Title Report is provided in Appendix B.

### 3.4.2 City Directory Search

Given the rural setting of the property and history of agricultural use, a City Directory search was not completed as part of the current study.

### 3.4.3 Fire Insurance Maps

Given the rural setting of the property and history of agricultural use, a search for Fire Insurance Maps was not completed as part of the current study.

### 3.4.4 Environmental Reports

The following reports relating to the Phase One Property were reviewed to determine if there were any environmental concerns or land use issues.

- CMT Engineering Inc. 2020. Geotechnical Investigation, Proposed Church, Ninth Line, Mississauga, Ontario. Project 20-026.R01, dated February 20, 2020.
  - CMT advanced 7 boreholes at the Site in February 2020 to depths of 4.6 to 7.6 mbgs (Figure 2). Three of the boreholes (BH1, BH6 and BH7) were completed as monitoring wells. The stratigraphic layers identified in the borehole logs (Appendix C) are depicted on Figure 8 and interpreted as follows, from top to bottom.
    - Topsoil – silty, organic, dark brown, loose, moist from ground surface to about 0.1 mbgs.
    - Shallow fine-grained soils – clayey silt, some sand to sandy, trace to some gravel, trace organics and rootlets, brown to grey, soft becoming hard with increasing depth, moist from below the topsoil to about 1.7 to 4.6 mbgs.
    - Perched sand aquifer – a shallow discontinuous sand layer was encountered in BH1 and BH6 below the clayey silt with a thickness of about 0.2 to 1.0 m. The sand layer was moist to wet, brown to grey with trace silt and gravel. This upper sand aquifer was not identified in the other boreholes on the Site and is interpreted to be perched and laterally discontinuous.
    - Silt till aquitard – silt, some sand and clay to sandy and clayey, trace gravel, grey, dense to very dense, moist to wet. The silt till was identified in all boreholes from below the clayey silt (and shallow sand in BH1 and BH6) to about 3.9 to 6.1 mbgs.
    - Confined sand aquifer – sand, some silt, trace clay, trace gravel, grey, dense, wet from below the silt till beginning around 3.9 to 6.1 mbgs to the terminal depth of the boreholes in BH1, BH2 and BH6.
  - Groundwater levels in open boreholes were recorded between about 2.7 to 4.7 mbgs prior to backfilling.

- R.J. Burnside & Associates Limited. 2020. Hydrogeological Assessment. Ninth Line, Mississauga, Ontario, Project 300044049.1000, dated March 9, 2020.
  - A hydrogeological assessment of the Phase One Property was completed in accordance with Chapter 22 of the MECP 2008 “Design Guidelines for Sewage Works” and the results were intended to support the design of a new wastewater treatment system and application for Environmental Compliance Approval (ECA).
  - Burnside completed the hydrogeological assessment in coordination with the borehole drilling and monitoring well installations by CMT (2020).
  - Burnside monitored static water levels in monitoring wells following stabilization of the water table. Groundwater is expected to be around 178.0 to 178.5 masl at the Phase One Property. Groundwater levels may fluctuate up to 1 m or more based on seasonal conditions
  - Hydraulic conductivity was estimated at  $2 \times 10^{-8}$  to less than  $10^{-9}$  m/s for the native upper clayey to sandy silt material across the Site and within the proposed infiltration bed areas, with a corresponding percolation rate (T-time) of  $>50$  min/cm for the native soils in the area of the proposed subsurface dispersal bed.
  - Water quality results for general chemistry from 3 monitoring wells installed in the native sand aquifer material on the Phase One Property met the Ontario Drinking Water Standards (ODWS) health-related criteria. Elevated nitrate and uranium were identified in a sample from BH6 but the results did not exceed the ODWS.
  - The aesthetic objectives/operational guidelines for iron, manganese, hardness, alkalinity and total dissolved solids were exceeded in some or all samples, but these parameters are not considered health-related concerns under the ODWS.
- Ontario Ministry of Transportation. 1977. Foundation Investigation Report for Burnhamthorpe Road Underpass, W.P. 158-75-04, Site 10-280, Hwy. 403, District 4, Hamilton.
  - A foundation investigation was completed in 1977 for the Burnhamthorpe Road underpass at Highway 403, which is approximately 250 m north of the Phase One Property.
  - 6 boreholes were advanced to depths ranging from 5 to 19 mbgs. Stratigraphy included the following layers:
    - Topsoil – a thin layer of topsoil – from ground surface to  $<0.5$  mbgs.
    - Glacial till consisting of clayey silt, some sand, some gravel, heterogeneous, very stiff to hard, brown becoming grey at 3 to 5 mbgs – extending from below the topsoil to approximately 10 mbgs.
    - Silt – trace sand, occasional clayey silt layers, very dense to hard – extending from below the till to at least 19 mbgs.

- Grain size analysis was completed to confirm field soil descriptions.
- Groundwater levels of 1 to 4 mbgs were measured in open boreholes following drilling.

There were no environmental concerns relating to the Phase One Property identified in the review of these reports.

### **3.4.5 Aerial Photographs**

A review of historical aerial photographs, available through the National Air Photo Library, as well as recent satellite images, was completed. Aerial photographs and images from 1946 to 2017, covering a period of about 72 years, were examined to assess development patterns on the Phase One Property and surrounding area. While the resolution of the images limits observation of the surface conditions, the following provides a summary of our interpretation.

#### **1946 Aerial Photograph – Figure 7**

The 1946 aerial photograph shows the Phase One Property as vacant/agricultural land. A drainage feature is apparent on the north portion of the property. Adjacent properties to the north, west, south and east of the Phase One Property are primarily agricultural/residential and vacant land.

#### **1960 Aerial Photograph – Figure 8**

The 1960 aerial photograph shows no significant changes to the Phase One Property. The drainage channel on the north portion of the property is evident, in addition to various drainage features and areas of ponded water on adjacent properties. The adjacent property to the south appears to have a small building near the southeast corner of the Phase One Property. There are no other significant changes to the adjacent properties.

#### **1974 Aerial Photograph – Figure 9**

The 1974 aerial photograph shows no significant changes to the Phase One Property. Additional buildings have been constructed on the adjacent property to the south. There are no other significant changes to the adjacent properties.

#### **1980 Aerial Photograph – Figure 10**

The 1980 aerial photograph shows no significant changes to the Phase One Property. A large construction staging area for the Highway 403 underpass at Burnhamthorpe Road is visible just north of the Phase One Property. Some additional development is also evident on the adjacent property to the south, including buildings, parking areas and unpaved laneways that extend east into the future Highway 403 area.



**1988 Aerial Photograph - Figure 11**

The 1988 aerial photograph shows no significant changes to the Phase One Property. Highway 403 construction is complete and vehicular traffic is evident. Development of the adjacent property to the north appears to be underway, including demolition of the former house. To the west, a new residence has been constructed across Ninth Line.

**2004 Aerial Photograph - Figure 12**

The 2004 aerial photograph shows an unpaved driveway and some equipment/vehicle storage on the south side of the Phase One Property. Adjacent properties include Highway 403 to the east and agricultural/residential/vacant land to the south, west and north. The existing cellular/internet tower is visible on the adjacent property to the north near the intersection of Ninth Line and Burnhamthorpe Road. There are no other significant changes to the adjacent properties.

**2019 Aerial Photograph – Figure 2**

The 2019 aerial photograph shows the existing unpaved driveway and drive shed on the south side of the Phase One Property, with evident storage of vehicles and heavy equipment. Adjacent properties include Highway 403 to the east, a large storage building to the north, and agricultural/residential/vacant land to the south and west. The former house to the south has been demolished. An excavated area is apparent on the property to the north, adjacent to the Phase One Property.

**Summary**

Aerial photographs covering the period from 1946 to 2019 were reviewed. Highway 403 was constructed between 1980 and 1988. The storage of vehicles and heavy equipment on the south side of the Phase One Property appears to have begun sometime between 1988 and 2004. The adjacent property to the north was developed as a storage facility between 2004 and 2019.

There were no environmental concerns relating to the Phase One Property identified in the review of aerial photographs.

**3.5 Environmental Source Information****3.5.1 ERIS Search**

A review of available federal, provincial and private environmental databases was conducted through Environmental Risk Information Services (ERIS) for the Study Area, defined as the Phase One Property plus a primary search radius of approximately 250 m from the boundary of the Phase One Property.

A total of 14 records were identified in the Study Area, including 0 records associated with the Phase One Property, as listed in the following sections. The ERIS database search results are provided in Appendix C.

#### **3.5.1.1 Anderson's Waste Disposal Sites (ANDR)**

There was one (1) record identified in the Anderson's Waste Disposal Sites (ANDR) database for the Study Area, identified as Snider Junkyard 1976, located 240 m east of the Phase One Property.

#### **3.5.1.2 Ontario Regulation 347 Waste Generators Summary (GEN)**

There were seven (7) records identified in the O. Reg. 347 Waste Generators Summary (GEN) database for the Study Area, all of which were from various industrial businesses located at 3750B Laird Road (220 m northeast of the Phase One Property). Generated wastes include waste oils/sludges, inorganic sludges/slurries/solids, pharmaceuticals, pathological wastes, aliphatic solvents/residues, paint/pigment/coating residues, and miscellaneous wastes/inorganic chemicals.

There was one (1) unplotable GEN record from Glen Oaks Memorial Gardens, located southeast of the Phase One Property along Ninth Line.

#### **3.5.1.3 Environmental Compliance Approval (ECA) and Certificates of Approval (CA)**

There were two (2) Environmental Compliance Approval (ECA) records identified in the database for the Study Area for air emissions from industrial businesses located at 3750B Laird Road.

There were seven (7) Certificates of Approval (CA) and 1 ECA that were unplotable, which include municipal water and municipal/private sewage works.

#### **3.5.1.4 ERIS Historical Searches (EHS)**

There was one (1) record identified in the ERIS Historical Searches (EHS) database for the Study Area from 3995 Ninth Line, located 220 m northwest of the Phase One Property. The EHS record included a Standard Report (ordered in 2017) with fire insurance maps and/or site plans.

There were two (2) unplotable EHS records for properties on Ninth Line, which included fire insurance maps and/or site plans/topographic maps.

These records are not considered to be an environmental concern to the Phase One Property.

**3.5.1.5 Water Well Information System (WWIS)**

There were two (2) well records identified in the Water Well Information System (WWIS) database in the Study Area located approximately 230 m northwest of the Phase One Property. The wells were drilled in 2012 and 2015. Stratigraphy and well installation details were not included.

There were also 19 unplotable WWIS records identified.

**3.5.1.6 Boreholes (BORE)**

There was one (1) record identified in the Borehole (BORE) database in the Study Area located approximately 140 m east-northeast of the Phase One Property. The borehole was drilled in 1984 for geotechnical/geological purposes to a depth of 12.6 mbgs. Stratigraphy was listed as glacial till (a heterogeneous mixture of silty clay, sand and gravel, stiff to hard) from ground surface to 6.3 mbgs, followed by sandy silt (trace clay, dense to very dense) from 6.3 to 12.6 mbgs (terminal depth). The borehole was decommissioned following drilling.

**3.5.1.7 TSSA Incidents (INC)**

There was one (1) unplotable Technical Standards and Safety Authority (TSSA) Incident (INC) record that included the release of natural gas from a pump station on Ninth Line.

**3.5.1.8 Ontario Spills (SPL)**

There were four (4) unplotable Ontario Spills (SPL) records, one (1) of which was from a natural gas release along Ninth Line, and three (3) of which were from diesel fuel releases along Highway 403.

**3.5.1.9 Ontario Regulation 347 Waste Receivers Summary (REC)**

There were two (2) unplotable Ontario Regulation 347 Waste Receivers Summary (REC) records from Glen Oaks Memorial Gardens, located southeast of the Phase One Property along Ninth Line, one of which was for incineration.

**3.5.1.10 Summary**

There were no records from the ERIS review relating directly to the Phase One Property. There were no other environmental concerns relating to the Phase One Property identified in the review of the ERIS report.

### **3.5.2 Government and Client Environmental Files**

#### **3.5.2.1 Client Files**

The client and current owner of the Phase One Property confirmed that no existing reports were available for review. The findings of recent geotechnical and hydrogeological studies completed by Burnside (2020) and CMT (2020) are summarized in Section 3.4.4.

#### **3.5.2.2 Ministry of the Environment, Conservation and Parks (MECP)**

The Ontario Ministry of the Environment Freedom of Information and Protection of Privacy Office (MECP-FOI) was contacted to obtain information regarding Orders, Spills, Investigations / Prosecutions, Certificates of Approval, environmental concerns, correspondence, occurrence reports or abatement relating to the Phase One Property. The MECP reported that no records were located. A copy of this letter is provided in Appendix D.

#### **3.5.2.3 Technical Standards and Safety Authority**

The Technical Standards and Safety Authority (TSSA) Fuel Safety Branch was contacted regarding the presence of any tank records associated with the Phase One Property and adjacent properties. The TSSA's response states "*We confirm that there are no records in our database of any fuel storage tanks at the subject address(es)*". Correspondence can be viewed in Appendix D.

#### **3.5.2.4 Ministry of Natural Resources**

The Ministry of Natural Resources Natural Heritage Information System (MECP, 2020c) was reviewed for information regarding any provincially significant Areas of Natural and Scientific Interest (ANSI) within the Phase One Study Area. A review of the Ontario Base Map and MNR information indicated that there were no ANSI units found within one (1) km of the Phase One Property. Accordingly, the Phase One Property is not located in an area of significance.

As discussed in Section 3.3.1, the nearest mapped wetland is a portion of the North Oakville-Milton East Wetland Complex PSW, which is located approximately 100 m south of the Phase One Property.

#### **3.5.2.5 Brownfield Environmental Site Registry**

This registry was searched for filed Records of Site Condition (RSCs) and Transition Notices (TRN) under Ontario Regulation 153/04 (Part XV.1 of the Environmental Protection Act) within the Phase One Study Area. No records were found on the Phase One Property or within the Phase One Study Area.

### **3.5.2.6 Coal Gasification Waste Site Inventory Files**

A review of government databases pertaining to the historical record of coal gasification waste Sites; as well as active and inactive industrial and municipal/ domestic waste disposal Sites in the Province of Ontario. These databases were Inventory of Coal Gasification Plant Waste Sites, Volume I and Volume II, prepared by Intera Technologies Ltd. for the MOE, April 1987; and Waste Disposal Site Inventory, Waste Management Branch, MOE, June 1991. There were no records of Coal Gasification Plant Waste Sites, or Waste Disposal Sites on the Phase One Property or within the Phase One Study Area.

### **3.5.2.7 Environmental Files for PCB Storage**

A copy of government historical records of registered PCB Storage Sites titled Ontario Inventory of PCB Storage Sites, MOE, April 1995 was reviewed. No records were found for properties within a one (1) km distance from the Phase One Property. This finding is consistent with the ERIS database search for the Phase One Property and other properties within the Study Area.

### **3.5.2.8 Source Water Protection**

The MECP (2020b) Source Protection Information Atlas was reviewed for information regarding groundwater and/or surface water protection conditions. The data indicates that the Phase One Property is located in the Halton Region Source Protection Area. A small portion of the southwest corner intersects a mapped Intake Protection Zone (IPZ) 3 and Event Based Area for Pipeline/Fuel Oil Spills. The IPZ is mapped as a buffer surrounding Joshua's Creek, which flows toward a surface water intake about 10 km south in Lake Ontario.

## **3.6 Fill Materials**

Fill was identified along the east property boundary adjacent to Highway 403 as a large raised berm, and also along the south property boundary and south portion of the site that is used for vehicle/equipment/wood storage. There were some piles of old barn beams and concrete along the east property boundary. Waste debris was identified within fill on the south property boundary, including empty fuel storage containers.

Surficial soil on the north side of the Phase One Property had been mechanically tilled for agricultural purposes, and consisted of a stony silty to clayey till, which is interpreted as native Halton Till.

## **3.7 Well Records**

A review of MECP (2020a) water well records within 500 m of the Phase One Property identified a total of seven (7) well records, including four (4) domestic supply wells,

one (1) public/domestic supply well, one (1) commercial supply well and one (1) monitoring well. The supply wells were all installed as drilled wells within bedrock with depths of 16 to 37 mbgs and static water levels of 1.5 to 5.5 mbgs. The water supply well records are from 1955 to 2016.

Based on the MECP water well records the nearest supply well is located over 200 m north-northwest of the Site. There are no shallow dug wells in the area. In addition, municipal water supply is available along Ninth Line and it is interpreted that municipal supply is available to most properties in the vicinity of the Site; however, given the rural nature of the area some private water supply wells may be present.

### **3.8 Site Operating Records**

Company records pertaining to daily operations and activities, including waste management records, material safety sheets, as well as regulatory permits were requested. No operation records or permit information was provided.

## **4.0 Interviews**

Information about the property was provided by:

- Mr. Frank Gasbarre of The Erin Mills Development Corporation – Owner of the property since 1984.
- Mr. Albert Cayer of Cayer Tree Removal Ltd. – Tenant on the property since approximately the early 2000's.

Information provided by Mr. Gasbarre and Mr. Cayer have been included in this report.

## **5.0 Site Reconnaissance**

### **5.1 General Requirements**

A visual inspection of the Phase One Property was completed on October 2, 2019 by Burnside hydrogeologist Ms. Angela Mason M.Sc., P.Geo. The inspection lasted approximately 1 hour. Weather conditions were rainy with a temperature of approximately 17°C. During the Phase One Property inspection, photographs were taken to document the property conditions including: property boundaries, building interiors and exteriors, chemical storage and adjacent land uses. Photographs from the inspection are presented in Appendix E.

A follow up site reconnaissance visit was completed on March 24, 2020 by Ms. Mason, who was accompanied by Mr. Moheb Michael (Developer Representative). The inspection lasted approximately 1 hour. Weather conditions were partly sunny with a temperature of approximately 4°C. Photographs were taken of areas where visible

changes had occurred since the first inspection in October 2019. Photographs are provided in Appendix E.

## **5.2 Specific Observations at Phase One Property**

The Phase One Property is located in a residential-agricultural area and is bound by Highway 403 to the east, vacant land to the south, residential/agricultural land to the west, and commercial land (Access Storage, 3625 Ninth Line) to the north.

Access to the Phase One Property is provided via a gravel driveway off Ninth Line. The property is currently used by a tree service company for woodcutting and storage of wood, vehicles, heavy equipment and fuels.

The topography of the Phase One Property is undulating to gently sloping to the west, except for fill areas along the east and south property boundaries where the ground surface is steeply to very steeply sloping (CDA, 1974). Surface drainage follows topography and is generally directed to a drainage depression running through the north portion of the property and/or to a shallow ditch along Ninth Line. There were no water bodies identified on the Phase One Property.

### **5.2.1 Water Sources**

The Phase One Property is not currently connected to water supply. Surrounding properties are typically serviced by municipal water services from the Region of Peel.

The proposed development of the Phase One Property will receive municipal water service.

### **5.2.2 Sewage Systems**

No existing sewage systems are present at the Phase One Property. Municipal sanitary sewer service is not available in the area. Surrounding properties are serviced by private septic systems.

The proposed development of the Phase One Property will include a private subsurface sewage dispersal system. As the daily design flow is greater than 10,000 L/day, an Environmental Compliance Approval (ECA) application will be completed.

### **5.2.3 Buildings and Structures**

A wood storage shed is currently present on the southeast corner of the Phase One Property. The wood storage shed is a 3-sided building constructed with a concrete block foundation and steel framing, which is covered by a plastic tarp-like material. The floor of the shed is unpaved/soil. No servicing (i.e., hydro, water, etc.) is provided to the shed.

Piles of wood beams and concrete rubble were noted along the east property boundary. Mr. Cayer indicated that the origin of the barn beams and concrete rubble were from the demolition of a previous barn on the Phase One Property or the adjacent property to the south.

No other buildings or structures were identified at the Phase One Property.

#### **5.2.4 Chemical Storage and Tanks**

Two (2) aboveground storage tanks (ASTs) were identified on the northwest corner of the wood storage shed during the October 2019 site visit. The two single-walled steel ASTs were labelled for diesel fuel storage, with capacities of 2,270 L and 1,360 L, dated 2011 and 1999, respectively. Mr. Cayer indicated that the ASTs are used for fueling diesel trucks. Both ASTs by the wood storage shed had been removed prior to the March 24, 2020 site visit. Mr. Michael indicated that he had been present during their removal, which included removal of some of the underlying soil. Mr. Michael noted that there was no odour or staining observed within the soils underlying the location of the former ASTs.

An abandoned fibreglass AST was present within a pile of fill and debris along the south property boundary. Mr. Moheb Michael indicated that the fibreglass AST was south of the property boundary on March 24, 2020 and therefore not on the Phase One Property. The abandoned AST was presumed empty. The capacity of the AST is unknown. Mr. Cayer indicated that the tank has been present since he became a tenant, and that he was not aware of its origin.

Chemical storage of various small drums and containers was evident on the Phase One Property, including hydraulic oil, motor oil, lubricants and lithium grease. Several empty fuel storage containers were also observed along the south property boundary, with evidence of fuel storage containers within fill along the property boundary. Mr. Moheb Michael indicated on March 24, 2020 that most of the debris and waste oil containers were across the property boundary, south of the Phase One Property.

Photographs are included in Appendix E.

#### **5.2.5 Designated Substances & Other Potentially Hazardous Materials**

Under Ontario Regulation 278/05 Section 1.0 "asbestos-containing material" is defined as material that contains 0.5% or more asbestos by dry weight. Although asbestos was generally phased out of building materials in the late 1970s, there is the possibility for ACM to be present in newer buildings if older materials were used in construction. By the early 1980's ACM are not expected in most construction. The use of asbestos in gaskets and sealants continued for a longer period. The most likely substances where ACM may be found are pipe fittings, gaskets, insulation, floor tiles, ceiling tiles, plaster, cement or concrete finishes.



There were no environmental concerns relating to designated substances or hazardous materials identified during the Phase One Property visit.

#### **5.2.6 Vegetation Distress and Staining**

Vegetation consists of soybean crop across most of the Phase One Property, with the south area of the property graded with fill and devoid of vegetation. Grasses, meadow vegetation, shrubs and small trees are present along the east, south and west property boundaries. There is a surface drainage swale on the north side of the property that runs west toward a small wetland (unmapped) with marsh vegetation (i.e., reeds/cattails) adjacent to Ninth Line.

There was evidence of soil staining and oily sheens on the ground surface in several areas on the south side of the Phase One Property during the site reconnaissance visit on October 2, 2019.

#### **5.2.7 Housekeeping**

Debris was present in several areas of the south side of the Phase One Property during the site reconnaissance visit on October 2, 2019, including trash, empty oil/chemical storage containers and metal parts. A retired fibreglass AST was also present atop fill at the south property boundary. The main driveway areas and wood piles at the southeast corner were kept relatively tidy.

Much of the debris, trash and empty oil/chemical containers had been cleaned up prior to the March 24, 2020 site visit. Mr. Moheb Michael indicated that most of the remaining debris/waste and the empty fibreglass AST were across the property boundary and on the adjacent property to the south.

#### **5.2.8 Adjacent Property Use**

The Phase One Property is located on the western limits of the City of Mississauga, with the Town of Oakville on the west side of Ninth Line. A visual assessment of the properties surrounding the Phase One Property was completed from publicly accessible areas. The surrounding properties west and south of the Phase One Property are used for mainly residential and agricultural purposes. The adjacent property to the north is used for storage. Highway 403 is adjacent to the east property boundary, beyond which are commercial buildings.

The presence of a presumed empty fibreglass AST, various empty oil/lubricant containers, and debris/refuse mixed with fill was observed along the south boundary of the Phase One Property, which was indicated by Mr. Moheb Michael to be on the adjacent neighbouring property to the south. The presence of the empty fibreglass AST, empty oil/lubricant containers, debris/refuse and fill on the adjacent property to the south represents a potential environmental concern to the Phase One Property.

There were no other environmental concerns identified that were associated with adjacent property use.

## **6.0 Review and Evaluation of Information**

### **6.1 Current and Past Uses of the Phase One Property**

The Phase One Property and surrounding area has been used for agricultural purposes since the late 1800's. At some after 1984 the south side of the property began to be used for the storage of vehicles and heavy equipment and a 3-sided shed was constructed for wood storage.

The Phase One Property is currently being redeveloped for use as a church.

### **6.2 Potentially Contaminating Activities**

A Potentially Contaminating Activity (PCA) is a property use or activity listed in O. Reg. 153/04, that is occurring or has occurred in a Phase One ESA Study Area.

#### **6.2.1 On-Site Potentially Contaminating Activities (PCA)**

The following PCAs were identified on the Phase One Property:

- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks.
  - Related to the presence of two (2) diesel ASTs, storage of lubricants in various barrels/containers, and the apparent disposal of a former fuel oil AST on the south side of the Phase One Property.
- PCA #30 Importation of Fill Material of Unknown Quality.
  - Related to the presence of fill along the east and south property boundaries.
- PCA #40 Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing, bulk storage and large-scale applications.
  - Related to the use of pesticides/herbicides during crop production on the agricultural land.
- PCA #52 Storage, maintenance, fueling and repair of equipment, vehicles, and material used to maintain transportation systems.
  - Related to storage and routine maintenance of vehicles and heavy equipment on the Phase One Property.

**6.2.2 Off-Site Potentially Contaminating Activities (PCA)**

The following PCA was identified within 250 m of the Phase One Study Area:

- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks.
  - Related to the presence of an empty fibreglass AST and several empty oil/lubricant containers on the adjacent property to the south, immediately adjacent to the Phase One Property.

**6.3 Areas of Potential Environmental Concern (APEC)**

An Area of Potential Environmental Concern (APEC) is an area on, in or under a Phase One ESA Site, where one or more contaminants are potentially present, as determined through the Phase One ESA.

A review of past and present property uses and Potentially Contaminating Activities (PCA) in the Study Area identified five (5) Areas of Potential Environmental Concern (APECs) at the Phase One Property, as summarized in Table 4.

**Table 4: Areas of Potential Environmental Concern (APEC)**

<b>APEC</b>	<b>Location</b>	<b>PCA</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted</b>
APEC 1: Aboveground Storage Tank Area	On-Site: 2 former tanks just NW of woodshed on south side  Off-Site: 1 empty tank on the adjacent property to the south	28. Gasoline and Associated Products Storage in Fixed Tanks	BTEX, PHCs, Metals & Inorganics	Groundwater, Soil
APEC 2: Areas used for vehicles and equipment maintenance and storage	On-Site: South side	27: Vehicle / Equipment Maintenance	BTEX, PHCs, VOCs, Metals & Inorganics	Groundwater, Soil

APEC	Location	PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC 3: Areas containing fill with debris / waste	On-Site: South side	30: Areas containing fill	BTEX, PHCs, PCBs, VOCs, SVOCs, Metals & Inorganics	Groundwater, Soil
APEC 4: Areas containing fill along Highway 403	On-Site: Berm on east side	30: Areas containing fill	BTEX, PHCs, PCBs, VOCs, SVOCs, Metals & Inorganics	Groundwater, Soil
APEC 5: Agricultural field	On-Site: North and central areas	40: Pesticide use	Pesticides	Soil

### 6.3.1 Contaminants of Potential Concern

The Contaminants of Potential Concern identified at the Phase One Property are provided in Table 4 and include petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and benzene, toluene, ethylbenzene and xylenes (BTEX) and pesticides.

## 7.0 Conclusions and Recommendations

### 7.1 Whether Phase Two ESA Required

Based on the Records Review, Interviews, and Site Reconnaissance, five APECs were identified on the Phase One Property. Accordingly, a Phase Two ESA is recommended to confirm the quality of the shallow soils and groundwater beneath the Phase One Property.

### 7.2 Additional Considerations

If soil and/or fill material is to be removed and/or imported to the Phase One Property, a Fill Management Plan and/or Soil Management Plan is recommended based on the Best Management Practices for the Management of Excess Soil as per O. Reg. 406/19.

### 7.3 Qualifications of Assessors

Ontario Regulation 153/04, as amended, requires the assessors to document their qualifications. The following staff conducted the work presented herein:

#### **Angela Mason, M.Sc., P.Geo.**

Angela Mason, M.Sc., P.Geo. is a Licensed Professional Geoscientist with over 10 years of experience in the environmental consulting industry. Ms. Mason has completed numerous hydrogeological assessments and ESAs at a variety of sites involving contaminated soil and groundwater. For this project, Angela completed the historical records review, site reconnaissance visit, interviews and reporting.

#### **David Marks, B.Sc., P.Geo., QP<sub>ESA</sub>**

David Marks, B.Sc., P.Geo., QP<sub>ESA</sub> is a Licensed Professional Geoscientist with over 30 years of experience in the environmental consulting industry. Mr. Marks registered with the MECP as a Qualified Person (QP), under O.Reg. 153/04, for the purposes of conducting Phase One and Two ESAs in support of a Record of Site Condition. David has completed numerous ESAs and remediation projects at a variety of sites involving contaminated soil and groundwater. For this project, Mr. Marks provided quality assurance/quality control review and project oversight.

#### **R.J. Burnside & Associates Limited**

Burnside was founded in 1970 and currently comprises over 335.

professional, technical, and support staff providing a wide range of environmental and engineering services to both the public and private sectors, domestically and internationally. Burnside provides a wide range of specialized ESA services.

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Phase One Environmental Site Assessment  
April 2020

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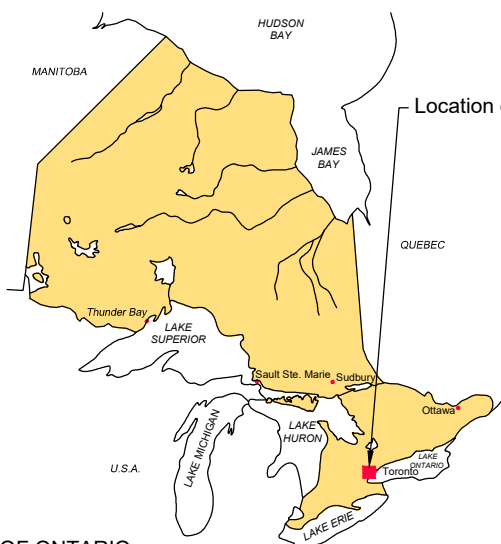
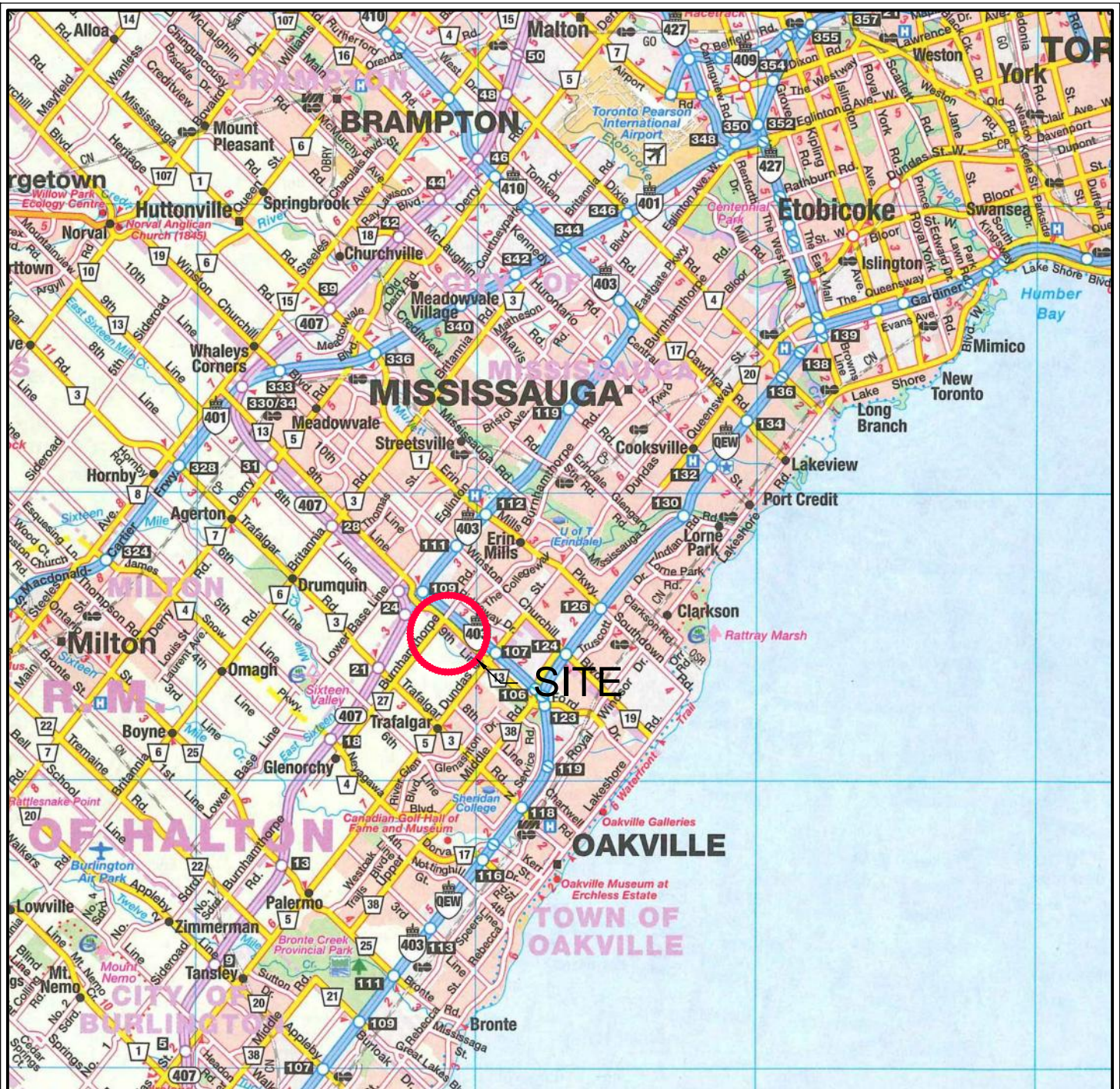
BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]



Figures





KEY MAP OF ONTARIO



Location of Detail



Client

**ST. MARK AND ST. DEMIANA CHURCH**

Figure Title

**PHASE ONE ENVIRONMENTAL SITE  
ASSESSMENT  
SITE LOCATION MAP**

Drawn

CD

Checked

AM

Date

March 2020

Project No.

300044049.10000

Figure No.

**1**

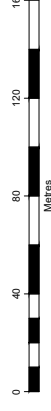




**LEGEND**

APPROXIMATE SITE BOUNDARY

Air Photo Source:  
Background 2017 Air Photo obtained from Google Earth Professional / DigitalGlobe ©  
Google Earth, use of products are subject to the Terms and Conditions of Licensed  
Google Earth Software.



Client

**ST. MARK AND ST. DEMIANA CHURCH**

Figure Title

**PHASE ONE ENVIRONMENTAL SITE  
ASSESSMENT  
SITE PLAN**

Drawn	Checked	Date	Figure No.
CD	AM	March 2020	<b>2</b>
Scale		Project No.	
1:2,000		300044049.10000	





LEGEND

APPROXIMATE SITE BOUNDARY



Source:  
McGill University digital library, "The Canadian County Atlas Digital Project"  
1880 Map of Ontario Counties

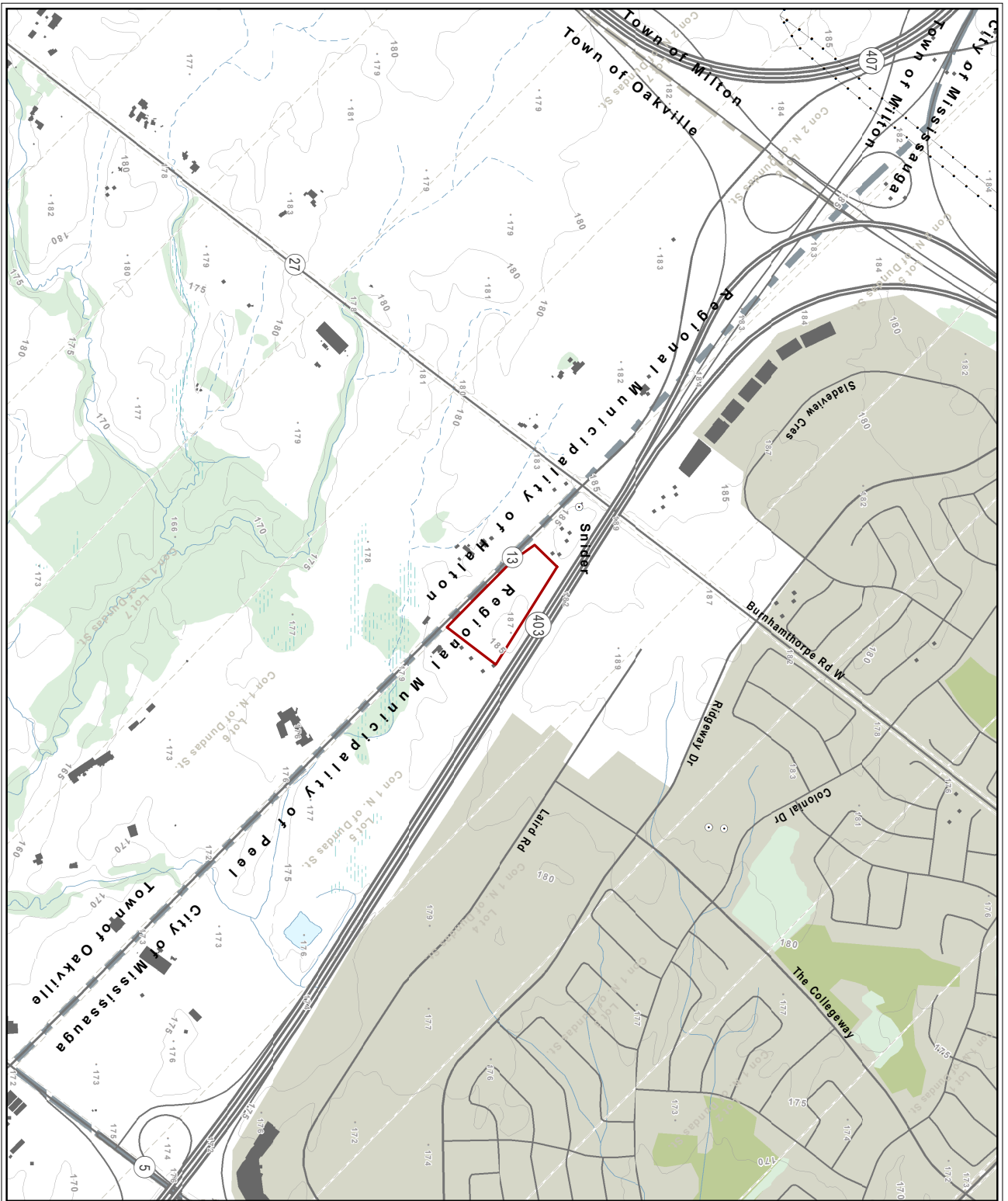


Client  
**ST. MARK AND ST. DEMIANA CHURCH**

Figure Title  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**  
HISTORICAL 1880s COUNTY MAP

Drawn	Checked	Date	Figure No.
CD	AM	March 2020	<b>3</b>
Custom		Project No. 300044049, 10000	





**ST. MARK AND ST. DEMIANA CHURCH**

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**

**REGIONAL TOPOGRAPHY**

**Legend:**

- Study Site Property
- Communication or Meteorological Tower
- Communication Tower: Cell
- Building (Location Defined)
- Building
- Power Transmission Line
- Freeway
- Arterial / Collector Road
- Local Road
- Spot Elevation
- Contour
- County, Regional Municipality, District Boundary
- Municipal Boundary
- Geographic Township Boundary
- Lot Boundary
- Waterbody: Permanent
- Wetland
- Stream: Permanent
- Stream: Intermittent
- Wooded Area
- Built-Up Area: Impervious
- Built-Up Area: Permeous

**Client:**

**ST. MARK AND ST. DEMIANA CHURCH**

**Figure Title:**

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**

**REGIONAL TOPOGRAPHY**

**Scale:**

1:10,000

**Figure No.:**

**4**

**Legend:**

- 1. Ministry of Natural Resources, © Queen's Printer for Ontario
- 2. Natural Resources Canada © Her Majesty the Queen in Right of Canada.

**Legend:**

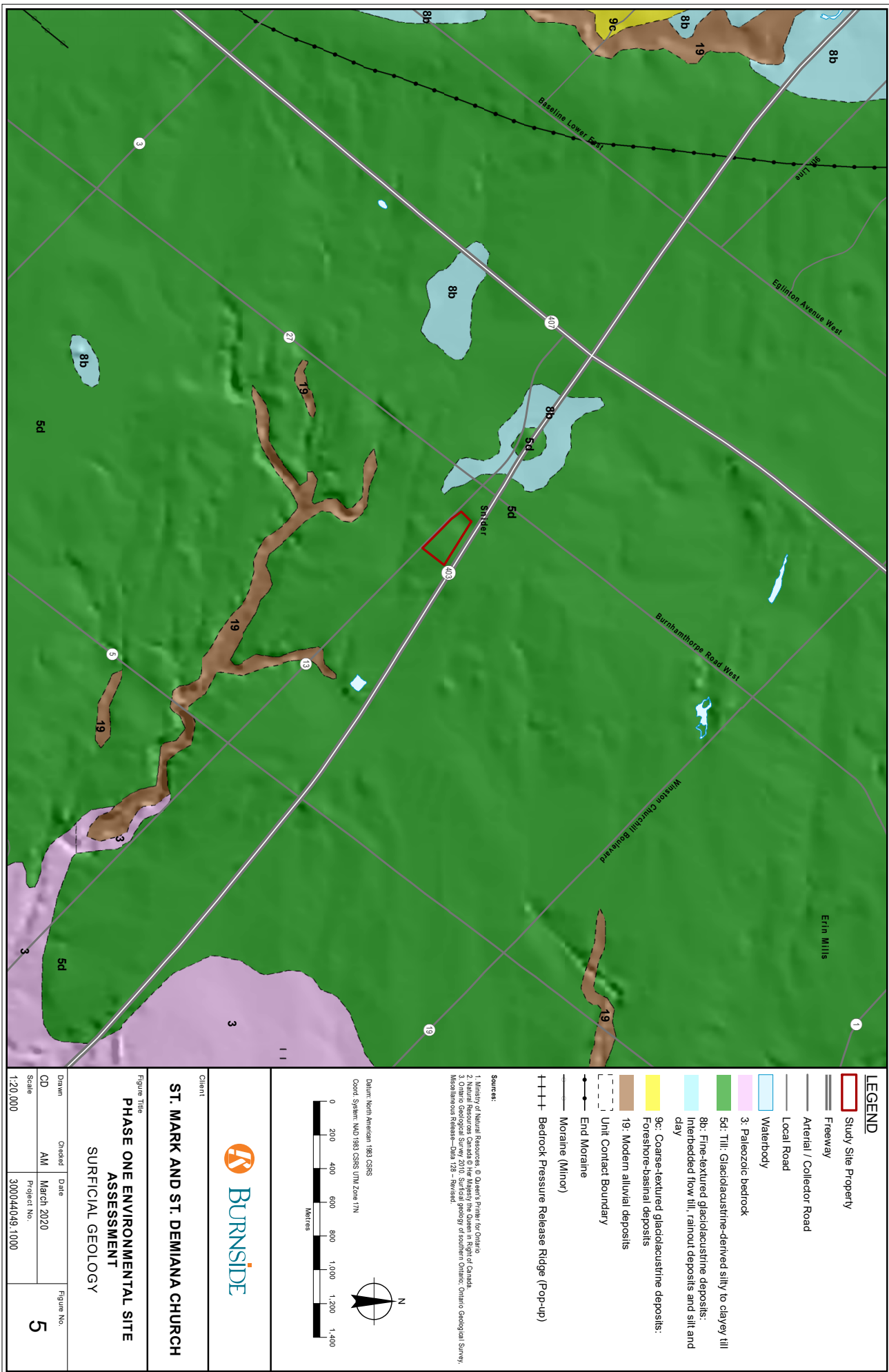
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- Coord. System: NAD 1983 CSRS UTM Zone

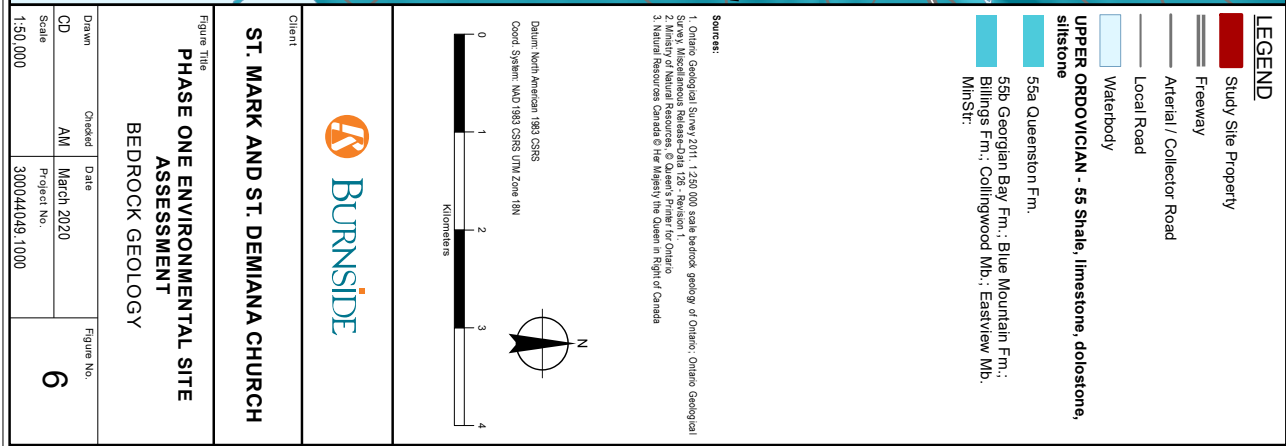
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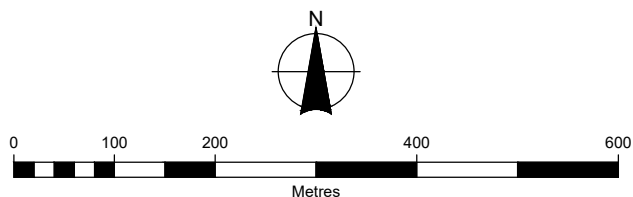








Air Photo Source:  
Background air photo reproduced with the permission of Natural Resources Canada,  
courtesy of the National Air Photo Library.



#### LEGEND

— APPROXIMATE SITE BOUNDARY



Figure Title

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1946 AERIAL PHOTO

Client

**ST. MARK AND ST. DEMIANA CHURCH**

Drawn  
CD

Scale  
1:7,500

Checked  
AM

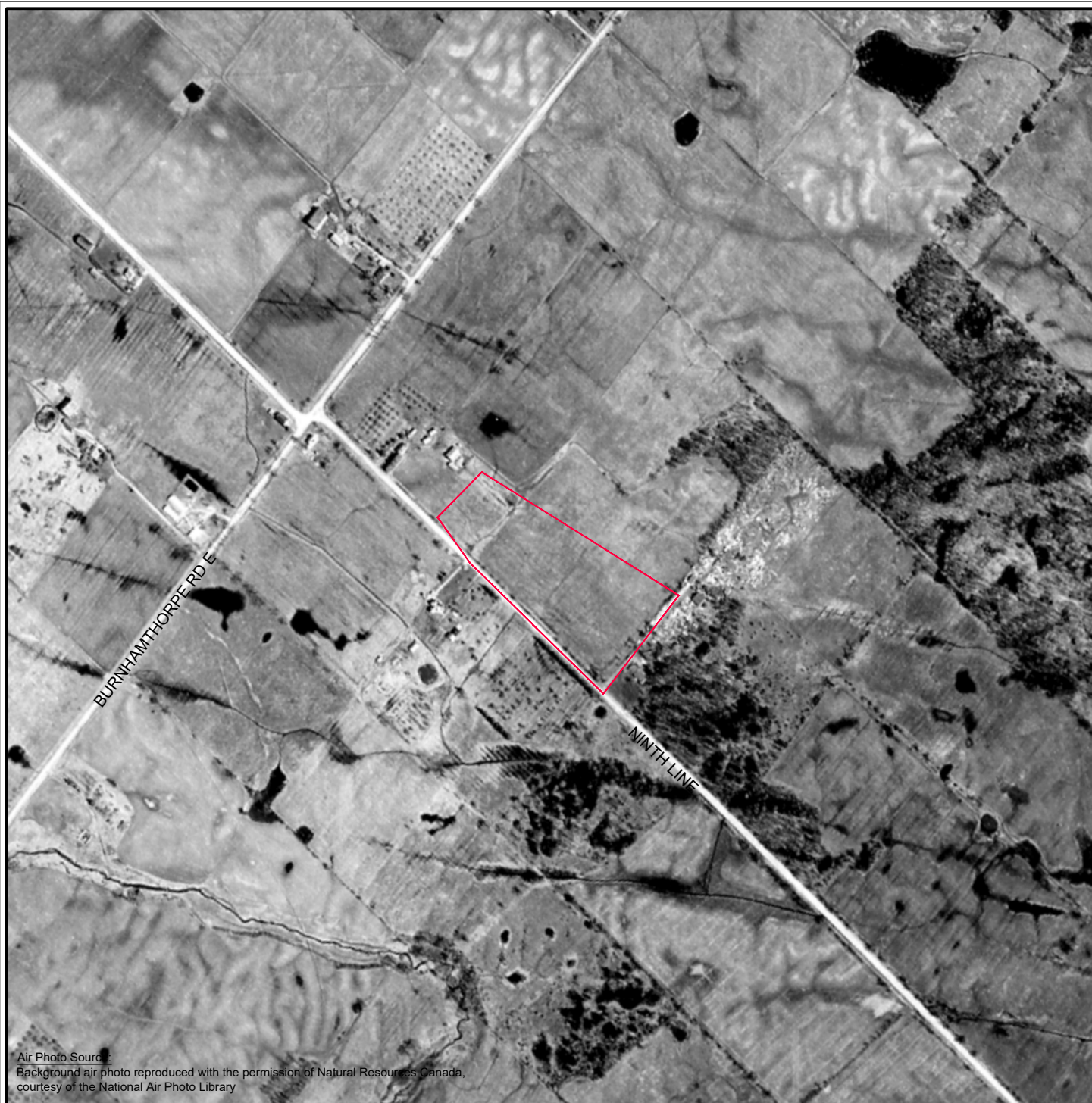
Date  
March 2020

Project No.  
300044049.10000

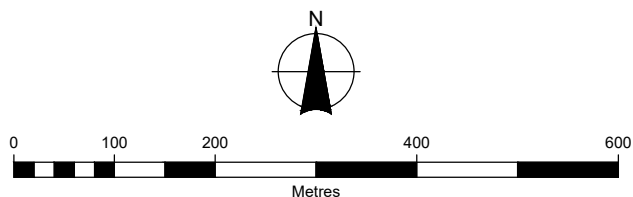
Figure No.

**7**





Air Photo Source:  
Background air photo reproduced with the permission of Natural Resources Canada,  
courtesy of the National Air Photo Library



#### LEGEND

— APPROXIMATE SITE BOUNDARY



Figure Title

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1960 AERIAL PHOTO

Client

**ST. MARK AND ST. DEMIANA CHURCH**

Drawn  
CD

Scale  
1:7,500

Checked  
AM

Date  
March 2020

Project No.  
300044049.10000

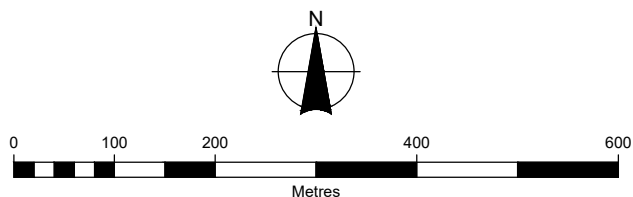
Figure No.

**8**





Air Photo Source:  
Background air photo reproduced with the permission of Natural Resources Canada,  
courtesy of the National Air Photo Library



#### LEGEND

——— APPROXIMATE SITE BOUNDARY



Figure Title

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1974 AERIAL PHOTO

Client

**ST. MARK AND ST. DEMIANA CHURCH**

Drawn  
CD

Scale  
1:7,500

Checked  
AM

Date  
March 2020

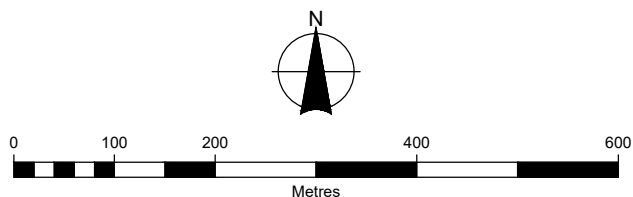
Project No.  
300044049.10000

Figure No.

**9**



Air Photo Source:  
Background air photo reproduced with the permission of Natural Resources Canada,  
courtesy of the National Air Photo Library



#### LEGEND

— APPROXIMATE SITE BOUNDARY



Figure Title

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1980 AERIAL PHOTO

Client

**ST. MARK AND ST. DEMIANA CHURCH**

Drawn  
CD

Scale  
1:7,500

Checked  
AM

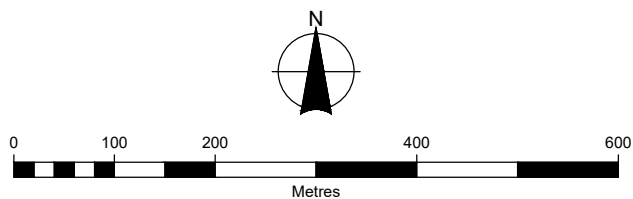
Date  
March 2020

Project No.  
300044049.10000

Figure No.

**10**





#### LEGEND

— APPROXIMATE SITE BOUNDARY



Figure Title

### PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1988 AERIAL PHOTO

Client

**ST. MARK AND ST. DEMIANA CHURCH**

Drawn  
CD

Scale  
1:7,500

Checked  
AM

Date  
March 2020

Project No.  
300044049.10000

Figure No.

**11**



BURNSIDE

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Appendix A

Site Surveys

Appendix A



Stanec Geomatics Ltd.  
300W 575 Cochran Drive, Markham ON L3R 0B8

January 19, 2017  
File: 1616 70092

**Attention: Frank Gasbore**  
Erim Mills Development Corporation  
7501 Keele Street, Suite 500  
Concord, ON L4K 1Y2

Dear Frank,

**Reference: Area Certificate – Plan 43R-37503 Ninth Line Burnhamthorpe Rd.**

This is to certify the area of Parts on Plan 43R-37503 (see attached):

PART	AREA (SQ.M.)	AREA (ACRES)
1	522	0.129
2	8578	2.120
3	1168	0.289
4	347	0.086
5	63	0.015
6	67	0.017
7	353	0.087
8	1560	0.385
9	38907	9.614
TOTAL	51565	12.742

The sum area of these lands comprises 5.16 hectares or 12.74 acres.

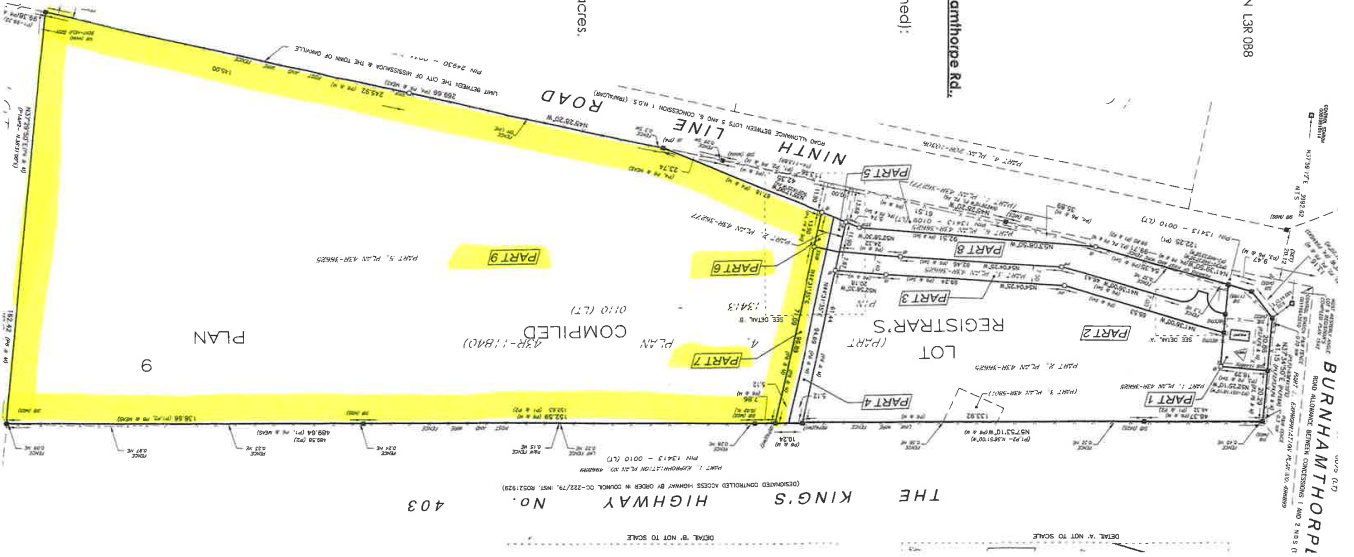
STANEC GEOMATICS LTD.

*Rob Leiper*

Rob Leiper OLS  
Project Manager  
Phone: 905.944.6207  
Rob.Leiper@stanec.com  
Attachment: Plan 43R-37503

Design with community in mind

9,718 acres

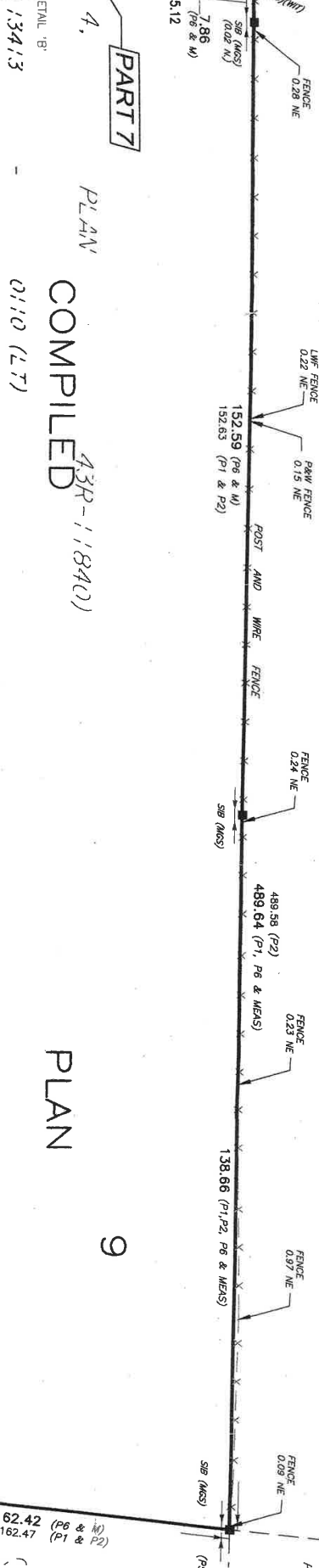


KING'S HIGHWAY No. 403

(DESIGNATED CONTROLLED ACCESS HIGHWAY BY ORDER IN COUNCIL OC-222/79, INST. R0521929)

PART 1, EXPROPRIATION PLAN NO. 496699

PIN 13413 - 0010 (LT)



PLAN COMPILED 43R-11840) 0110 (LT)

PLAN 9

PART 5, PLAN 43R-36625

ROAD

LIMIT BETWEEN THE CITY OF MISSISSAUGA & THE TOWN OF OAKVILLE

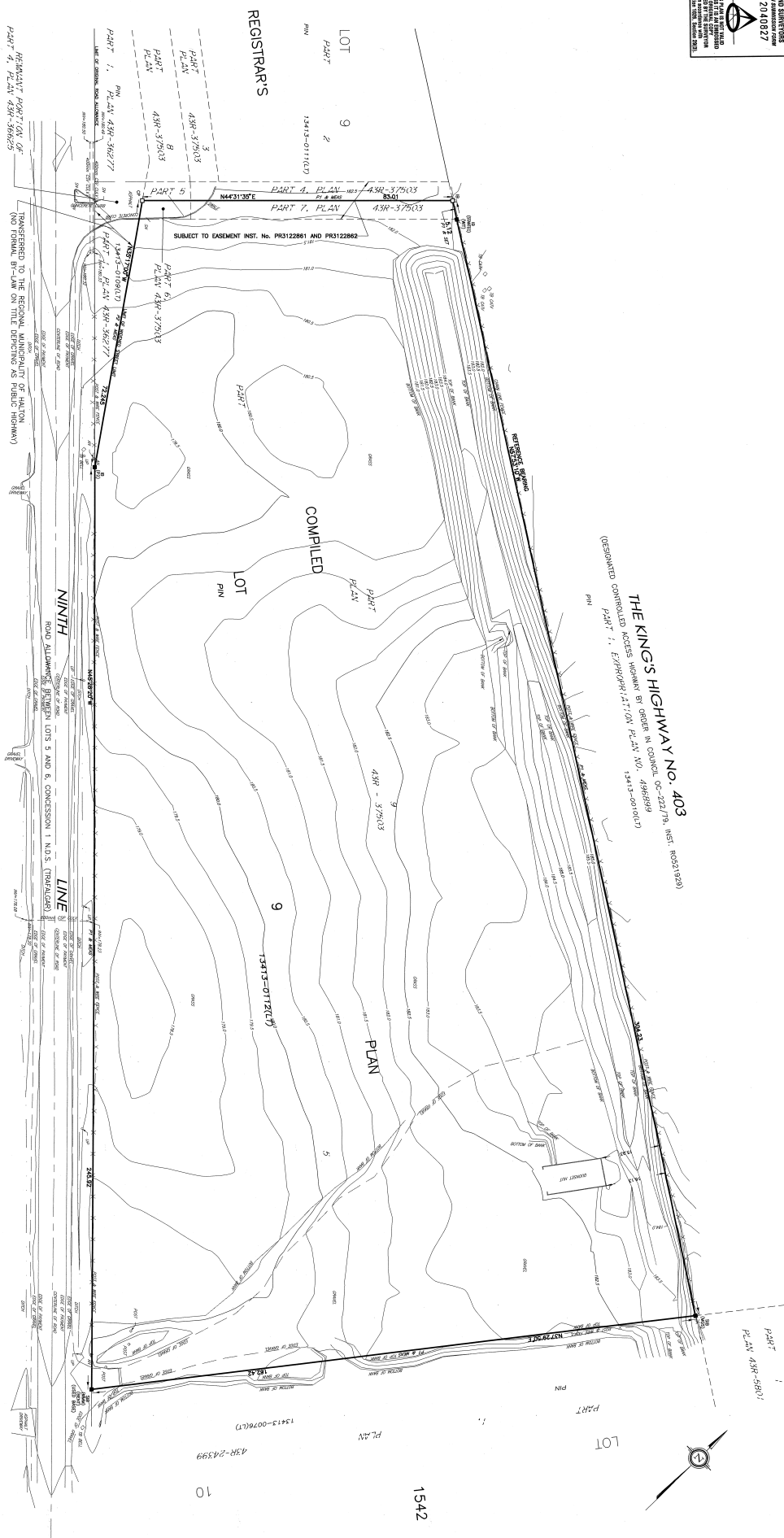
PART 3, PLAN 20R-10316  
PIN 24930 - 0034 (LT)

N37°29'50\"/>

LOT

PART 1, PLAN AND

THE KING'S HIGHWAY No. 403  
BY ORDER IN COUNCIL OC-222/  
4968899  
ACCESS HIGHWAY BY ORDER IN COUNCIL  
OC-222/  
4968899  
3415-0010

[illegible]


**SURVEYOR'S CERTIFICATE**

CERTIFY THAT:

1. THE SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEY ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON THE 7TH DAY OF MAY, 2019.

MAY 23, 2019

DATE



ON-DUTY LAND SURVEYOR

**CITY OF MISSISSAUGA**  
**REGIONAL MUNICIPALITY OF PEEL**

**TOPOGRAPHIC PLAN OF SURVEY OF  
PART OF LOT 9  
REGISTRARS COMPILED PLAN 1542**

**Snaptec Geomatics Ltd.**  
ONWARD LAND SURVEYS

Scale: 1:500

0 10 20 30 METERS

DATE: MAY 23, 2017 - ORIGINAL TOPO DOCUMENT SET  
DRAWN BY: JACQUELINE WILSON  
CHECKED BY: JACQUELINE WILSON  
DATE: FEBRUARY 28, 2019  
PROJECT NO.: 16-0738



BURNSIDE

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## Appendix B

### Title Search and Transfer Documents





ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND  
REGISTRY  
OFFICE #43

13413-0112 (LT)

PAGE 1 OF 1  
PREPARED FOR EEOGOLAB  
ON 2019/09/18 AT 10:04:21

\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

PROPERTY DESCRIPTION:

PART OF LOT 9, RCP 1542, BEING PARTS 6, 7 AND 9 ON PLAN 43R-37503; TOGETHER WITH AN EASEMENT OVER PART LOT 9, RCP 1542, BEING PARTS 4 & 5, PLAN 43R37503 AS IN PR3122861; SUBJECT TO AN EASEMENT OVER PARTS 6 & 7, PLAN 43R37503 IN FAVOUR OF PART LOT 9, RCP 1542, BEING PARTS 1,2,3,4,5 & 8, PLAN 43R37503 AS IN PR3122861; CITY OF MISSISSAUGA

PROPERTY REMARKS:

ESTATE/OUALLIFIER:

FEE SIMPLE

ABSOLUTE

RECENTLY:

DIVISION FROM 13413-0110

PIN CREATION DATE:

2017/05/15

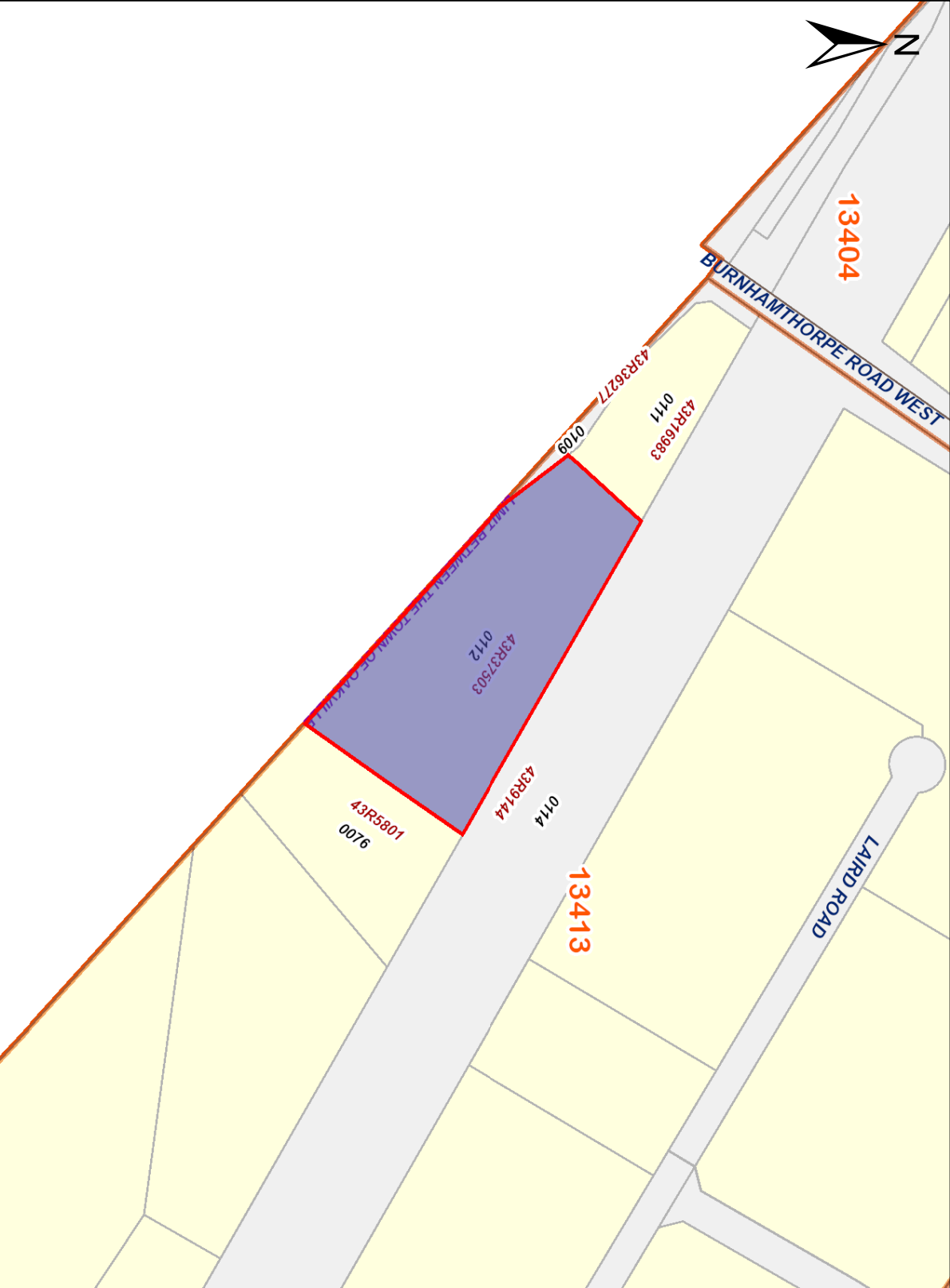
OWNERS' NAMES

THE ERIN MILLS DEVELOPMENT CORPORATION

CAPACITY SHARE  
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
FAD1743	1984/08/10	APL FIRST REGN			THE ERIN MILLS DEVELOPMENT CORPORATION	C
LT1043388	1989/08/24	CHARGE	\$350,000,000	THE ERIN MILLS DEVELOPMENT CORPORATION	THE BANK OF NOVA SCOTIA	C
REMARKS: OTHER LANDS						
LT1043389	1989/08/24	CHARGE	\$150,000,000	THE ERIN MILLS DEVELOPMENT CORPORATION	THE BANK OF NOVA SCOTIA	C
REMARKS: OTHER LANDS						
LT1302810	1992/03/12	NOTICE OF LEASE			ROGERS CANTEL INC.	C
LT1934589	1999/04/28	NOTICE OF LEASE		THE ERIN MILLS DEVELOPMENT CORPORATION		C
PR61337	2004/06/23	NOTICE OF LEASE		THE ERIN MILLS DEVELOPMENT CORPORATION	ROGERS WIRELESS INC.	C
REMARKS: LT1302810, LT1934589						
43R37503	2017/01/13	PLAN REFERENCE				C
PR3122862	2017/05/08	NOTICE	\$2	THE ERIN MILLS DEVELOPMENT CORPORATION		C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



# ServiceOntario

PRINTED ON 18 SEP, 2019 AT 10:05:08  
FOR EEGOOLAB

## SCALE



## PROPERTY INDEX MAP

PEEL(No. 43)

## LEGEND

- FREEHOLD PROPERTY
- LEASEHOLD PROPERTY
- LIMITED INTEREST PROPERTY
- CONDOMINIUM PROPERTY
- RETIRED PIN (MAP UPDATE PENDING)
- PROPERTY NUMBER
- BLOCK NUMBER
- GEOGRAPHIC FABRIC
- EASEMENT

THIS IS NOT A PLAN OF SURVEY

## NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE  
PROPERTY INFORMATION AS THIS MAP MAY  
NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND  
DOCUMENTS RECORDED IN THE LAND  
REGISTRATION SYSTEM AND HAS BEEN PREPARED  
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE  
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT  
REFERENCE PLANS ARE NOT ILLUSTRATED





# BURNSIDE

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## Appendix C

### ERIS Report



# DATABASE REPORT

<b>Project Property:</b>	<i>Ninth Line south of Burnhamthorpe Road West, Mississauga, Ontario Ninth Line Mississauga ON 300044049.1000</i>
<b>Project No:</b>	
<b>Report Type:</b>	<i>Standard Report</i>
<b>Order No:</b>	<i>20190910165</i>
<b>Requested by:</b>	<i>R.J. Burnside &amp; Associates Limited</i>
<b>Date Completed:</b>	<i>September 16, 2019</i>

## Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

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# Executive Summary

## **Property Information:**

**Project Property:** *Ninth Line south of Burnhamthorpe Road West, Mississauga, Ontario  
Ninth Line Mississauga ON*

**Project No:** *300044049.1000*

### **Coordinates:**

**Latitude:** *43.520174*  
**Longitude:** *-79.711943*  
**UTM Northing:** *4,819,387.67*  
**UTM Easting:** *604,097.92*  
**UTM Zone:** *UTM Zone 17T*

**Elevation:** *590 FT  
179.85 M*

## **Order Information:**

**Order No:** *20190910165*  
**Date Requested:** *September 10, 2019*  
**Requested by:** *R.J. Burnside & Associates Limited*  
**Report Type:** *Standard Report*

## **Historical/Products:**

**Land Title Search** *Current Land Title Search*

## 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	1	1
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
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 TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	7	7
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	2	2
		<b>Total:</b>	0	14	14



# Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
------------	----	-------------------	---------	--------------	------------------	----------------

No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#"><u>1</u></a>	BORE		ON	ENE/144.8	0.00	<a href="#"><u>15</u></a>
<a href="#"><u>2</u></a>	ECA	Teck Metals Ltd.	3750B Laird Rd Mississauga ON L5L 0A6	NE/220.7	0.00	<a href="#"><u>15</u></a>
<a href="#"><u>2</u></a>	ECA	Hypercoat-Downing Ltd.	3750B Laird Rd Mississauga ON L5L 0A6	NE/220.7	0.00	<a href="#"><u>16</u></a>
<a href="#"><u>2</u></a>	GEN	ApoLab ULC	3750B Laird Road Units 4 & 5 Mississauga ON L5L 0A6	NE/220.7	0.00	<a href="#"><u>16</u></a>
<a href="#"><u>2</u></a>	GEN	Teck Metals Ltd. Product Technology Centre	3750B Laird Road, Unit 15 Mississauga ON L5L0A6	NE/220.7	0.00	<a href="#"><u>16</u></a>
<a href="#"><u>2</u></a>	GEN	Stromcore Energy Inc.	3750B Laird Road Unit 1 Mississauga ON L5L 0A6	NE/220.7	0.00	<a href="#"><u>17</u></a>
<a href="#"><u>2</u></a>	GEN	Hypercoat-Downing Ltd	3750B Laird Rd, Unit 6 Mississauga ON L5L0A6	NE/220.7	0.00	<a href="#"><u>17</u></a>
<a href="#"><u>2</u></a>	GEN	Teck Metals Ltd. Product Technology Centre	3750B Laird Road, Unit 15 Mississauga ON L5L0A6	NE/220.7	0.00	<a href="#"><u>17</u></a>
<a href="#"><u>2</u></a>	GEN	Hypercoat-Downing Ltd	3750B Laird Rd, Unit 6 Mississauga ON L5L0A6	NE/220.7	0.00	<a href="#"><u>18</u></a>
<a href="#"><u>2</u></a>	GEN	Edge Pharmacy Services, ULC	3750B Laird Road Units 4 & 5 Mississauga ON L5L 0A6	NE/220.7	0.00	<a href="#"><u>18</u></a>
<a href="#"><u>3</u></a>	EHS		3995 Ninth Line Mississauga ON	NW/222.1	0.41	<a href="#"><u>19</u></a>
<a href="#"><u>4</u></a>	WWIS		ON	NW/225.7	0.13	<a href="#"><u>19</u></a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
			<b>Well ID:</b> 7192972			
<a href="#"><u>5</u></a>	WWIS		ON	WNW/232.7	0.91	<a href="#"><u>20</u></a>
			<b>Well ID:</b> 7242918			
<a href="#"><u>6</u></a>	ANDR	Snider junkyard 1976	Mississauga ON L5L	E/238.4	0.00	<a href="#"><u>20</u></a>

# Executive Summary: Summary By Data Source

## **ANDR - Anderson's Waste Disposal Sites**

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Snider junkyard 1976	Mississauga ON L5L	E	238.43	<a href="#"><u>6</u></a>

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	ENE	144.76	<a href="#"><u>1</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Aug 31, 2019 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Hypercoat-Downing Ltd.	3750B Laird Rd Mississauga ON L5L 0A6	NE	220.73	<a href="#"><u>2</u></a>
Teck Metals Ltd.	3750B Laird Rd Mississauga ON L5L 0A6	NE	220.73	<a href="#"><u>2</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jul 31, 2019 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	3995 Ninth Line Mississauga ON	NW	222.06	<a href="#"><u>3</u></a>

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

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 7 GEN site(s) within approximately 0.25 kilometers of the project property.

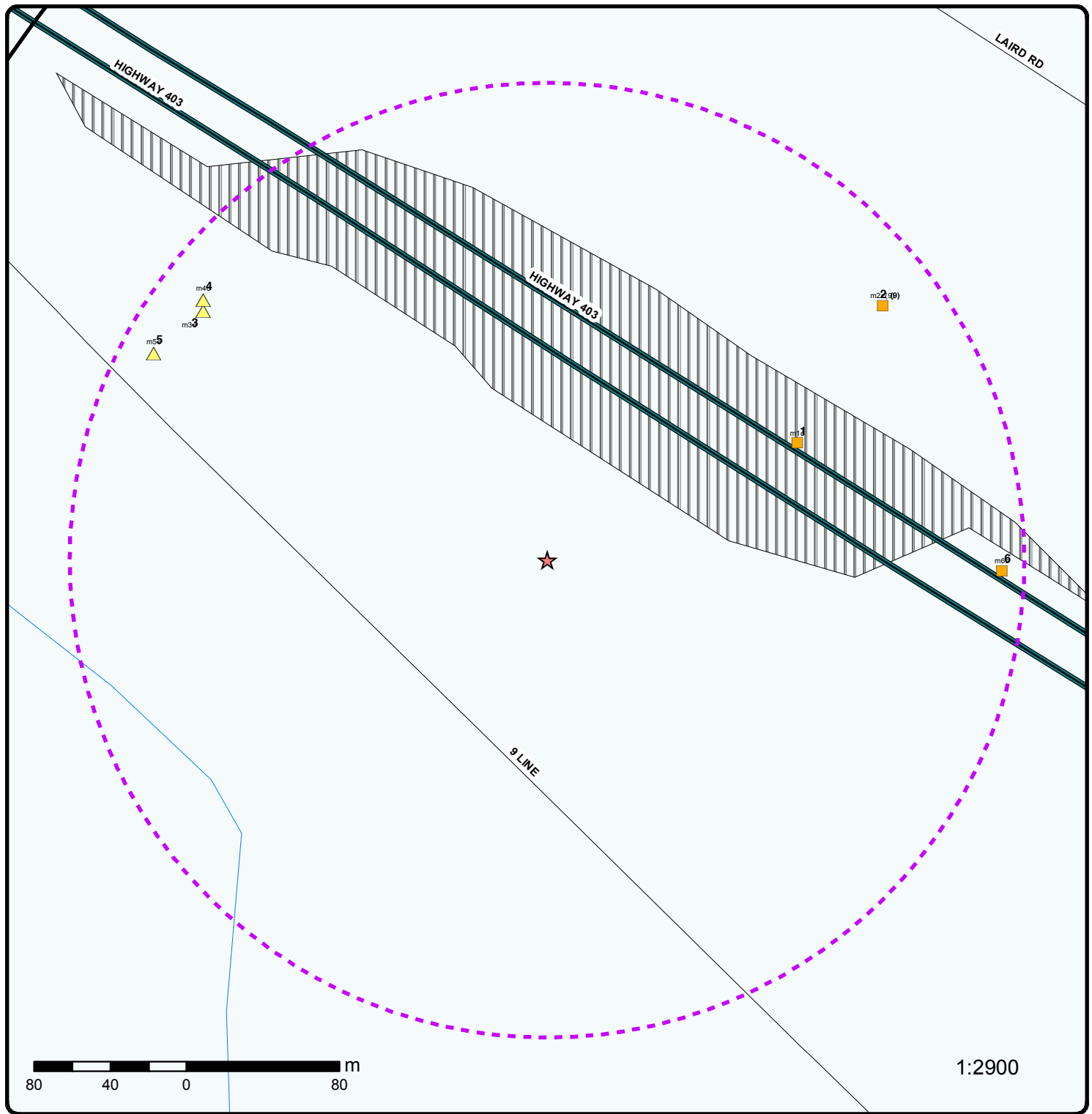
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Edge Pharmacy Services, ULC	3750B Laird Road Units 4 & 5 Mississauga ON L5L 0A6	NE	220.73	<a href="#"><u>2</u></a>
Hypercoat-Downing Ltd	3750B Laird Rd, Unit 6 Mississauga ON L5L0A6	NE	220.73	<a href="#"><u>2</u></a>
Teck Metals Ltd. Product Technology Centre	3750B Laird Road, Unit 15 Mississauga ON L5L0A6	NE	220.73	<a href="#"><u>2</u></a>
Stromcore Energy Inc.	3750B Laird Road Unit 1 Mississauga ON L5L 0A6	NE	220.73	<a href="#"><u>2</u></a>
Teck Metals Ltd. Product Technology Centre	3750B Laird Road, Unit 15 Mississauga ON L5L0A6	NE	220.73	<a href="#"><u>2</u></a>
ApoLab ULC	3750B Laird Road Units 4 & 5 Mississauga ON L5L 0A6	NE	220.73	<a href="#"><u>2</u></a>
Hypercoat-Downing Ltd	3750B Laird Rd, Unit 6 Mississauga ON L5L0A6	NE	220.73	<a href="#"><u>2</u></a>

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

A search of the WWIS database, dated Feb 28, 2019 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NW	225.73	<a href="#"><u>4</u></a>
	<b>Well ID:</b> 7192972			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	WNW	232.67	<a href="#">5</a>
	<i>Well ID: 7242918</i>			



## Map : 0.25 Kilometer Radius

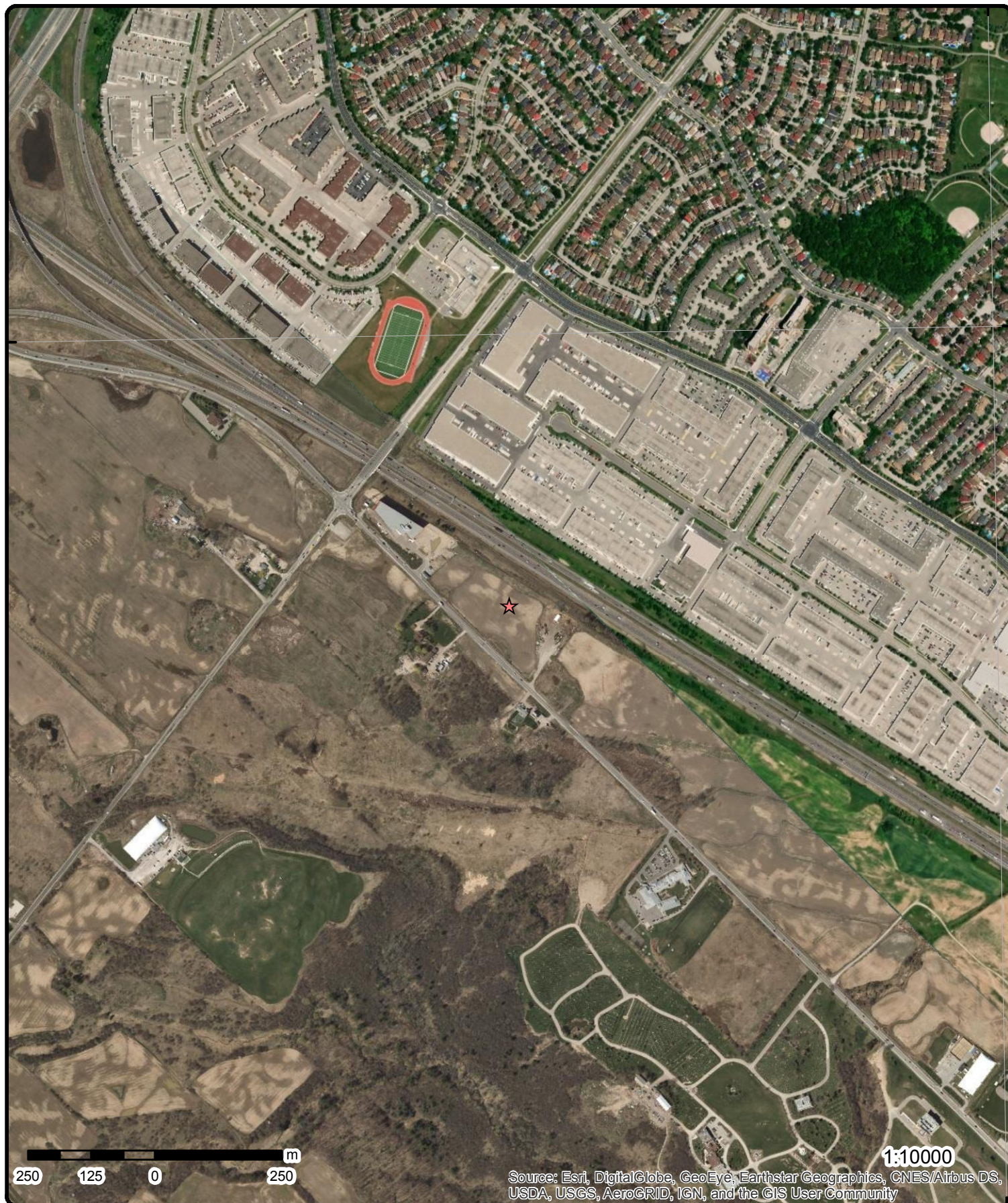
Order No: 20190910165

Address: Ninth Line, Mississauga, ON



Expressway	Industrial and Resource - Regions	National Park
Principal Highway	Main Line	Provincial or Territorial Park
Secondary Highway	Sidetrack	Other Park
Major Road	Transit Line	Golf Course or Driving Range
Local road	Abandoned Line	Park or Sports Field
Trail		Other Recreation Area
Proposed Road		
Ferry Route/Ice Road		





**Aerial (2017)**

**Address: Ninth Line, Mississauga, ON**

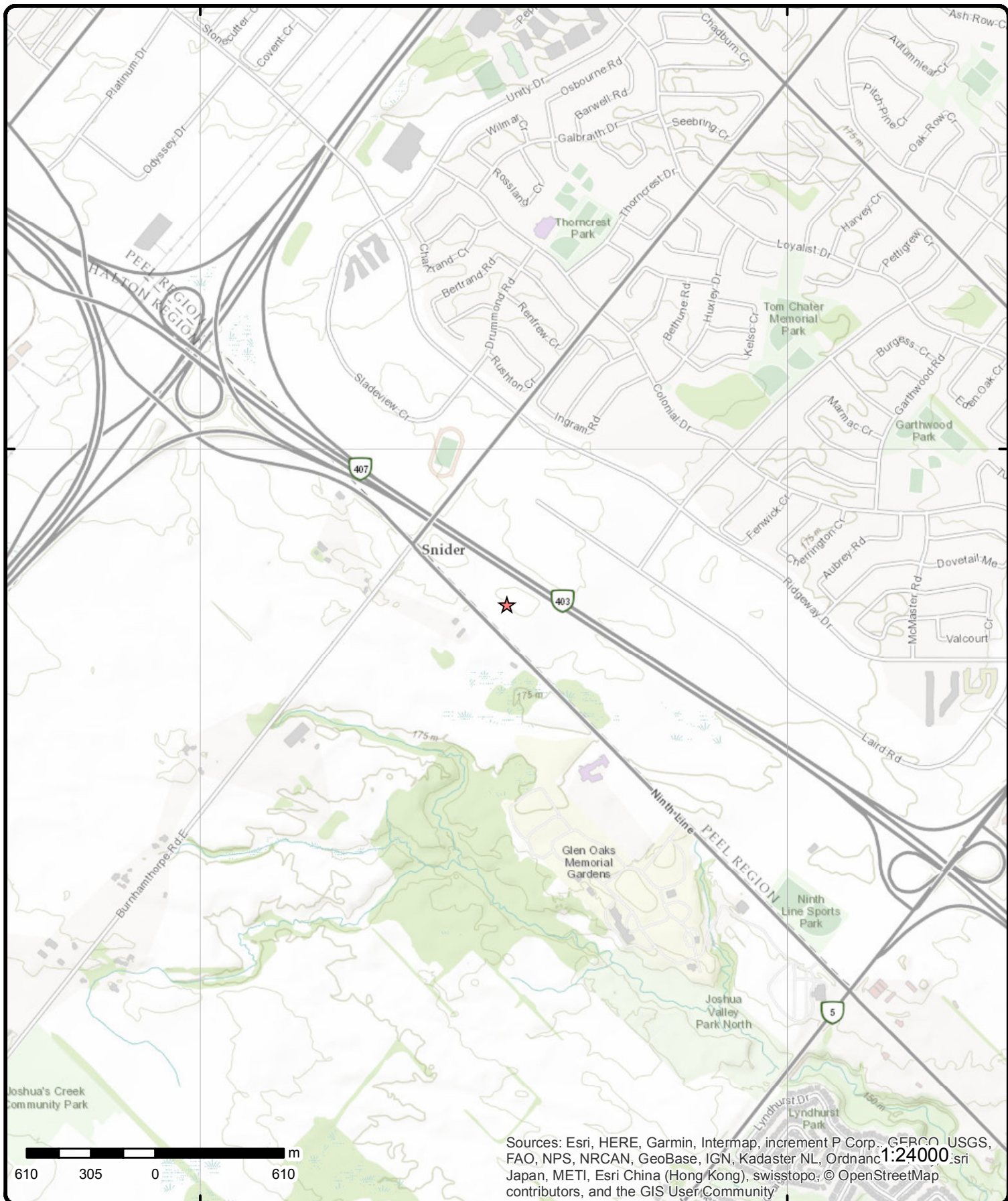
Source: ESRI World Imagery

Order No: 20190910165



© ERIS Information Limited Partnership





# Topographic Map

Address: Ninth Line, Mississauga, ON

Source: ESRI World Topographic Map

Order No: 20190910165



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	ENE/144.8	179.8 / 0.00	ON	BORE
<div> <div> <b>Borehole ID:</b> 853538  <b>OGF ID:</b> 215576177  <b>Status:</b> Decommissioned  <b>Type:</b> Borehole  <b>Use:</b> Geotechnical/Geological Investigation  <b>Completion Date:</b> 05-DEC-1984  <b>Static Water Level:</b>  <b>Primary Water Use:</b>  <b>Sec. Water Use:</b>  <b>Total Depth m:</b> 12.6  <b>Depth Ref:</b> Ground Surface  <b>Depth Elev:</b>  <b>Drill Method:</b> Solid stem auger  <b>Orig Ground Elev m:</b> 182  <b>Elev Reliabil Note:</b>  <b>DEM Ground Elev m:</b> 179  <b>Concession:</b>  <b>Location D:</b> </div> <div> <b>Inclin FLG:</b> No  <b>SP Status:</b> Initial Entry  <b>Surv Elev:</b> No  <b>Piezometer:</b> No  <b>Primary Name:</b>  <b>Municipality:</b>  <b>Lot:</b> LOT 5  <b>Township:</b> TRAFALGAR  <b>Latitude DD:</b> 43.520708  <b>Longitude DD:</b> -79.710309  <b>UTM Zone:</b> 17  <b>Easting:</b> 604229  <b>Northing:</b> 4819449  <b>Location Accuracy:</b>  <b>Accuracy:</b> Within 10 metres </div> </div> <p>CON 1 NORTH OF DUNDAS STREET  High Mast Lighting, Hwy. 403/407 Interchange Complex, W.P. 197-77-07, District 4, Burlington. The high mast light poles will be located through out the future Hwy. 407 and existing Hwy. 403 and existing Hwy. 403 interchange complex which is located near</p> <p><b>Survey D:</b>  <b>Comments:</b></p> <p><b>Borehole Geology Stratum</b></p> <div> <div> <b>Geology Stratum ID:</b> 218625534  <b>Top Depth:</b> 6.3  <b>Bottom Depth:</b> 12.6  <b>Material Color:</b>  <b>Material 1:</b> Silt  <b>Material 2:</b> Sand  <b>Material 3:</b> Clay  <b>Material 4:</b>  <b>Gsc Material Description:</b>  <b>Stratum Description:</b> </div> <div> <b>Mat Consistency:</b> Dense  <b>Material Moisture:</b>  <b>Material Texture:</b>  <b>Non Geo Mat Type:</b>  <b>Geologic Formation:</b>  <b>Geologic Group:</b>  <b>Geologic Period:</b>  <b>Depositional Gen:</b> </div> </div> <p>Sandy silt, trace clay. Dense to very dense **Note: Many records provided by the department have a truncated [Stratum Description] field.</p> <div> <div> <b>Geology Stratum ID:</b> 218625533  <b>Top Depth:</b> 0  <b>Bottom Depth:</b> 6.3  <b>Material Color:</b>  <b>Material 1:</b> Till  <b>Material 2:</b> Clay  <b>Material 3:</b> Silty  <b>Material 4:</b> Sand  <b>Gsc Material Description:</b>  <b>Stratum Description:</b> </div> <div> <b>Mat Consistency:</b> Stiff  <b>Material Moisture:</b>  <b>Material Texture:</b>  <b>Non Geo Mat Type:</b>  <b>Geologic Formation:</b>  <b>Geologic Group:</b>  <b>Geologic Period:</b>  <b>Depositional Gen:</b> glacial </div> </div> <p>Heterogeneous mixture of silty clay (CL), sand and gravel. Glacial till. Stiff to hard **Note: Many records provided by the department have a truncated [Stratum Description] field.</p>					
<u>2</u>	1 of 9	NE/220.7	179.8 / 0.00	Teck Metals Ltd. 3750B Laird Rd Mississauga ON L5L 0A6	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval No:</b> 1923-ADAKH8 <b>Approval Date:</b> 2016-08-30 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 3750B Laird Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4252-A8CQUE-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4252-A8CQUE-14.pdf</a>					
<a href="#">2</a>	2 of 9	NE/220.7	179.8 / 0.00	<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	ECA
<b>Hypercoat-Downing Ltd.</b> <b>3750B Laird Rd</b> <b>Mississauga ON L5L 0A6</b>					
<b>Approval No:</b> 7943-94AKXH <b>Approval Date:</b> 2013-01-30 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 3750B Laird Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0805-8Q9UFL-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0805-8Q9UFL-14.pdf</a>					
<a href="#">2</a>	3 of 9	NE/220.7	179.8 / 0.00	<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	GEN
<b>ApoLab ULC</b> <b>3750B Laird Road Units 4 &amp; 5</b> <b>Mississauga ON L5L 0A6</b>					
<b>Generator No:</b> ON5071742 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 145 H <b>Waste Class Desc:</b> Wastes from the use of pigments, coatings and paints					
<b>Waste Class:</b> 212 I <b>Waste Class Desc:</b> Aliphatic solvents and residues					
<b>Waste Class:</b> 261 A <b>Waste Class Desc:</b> Pharmaceuticals					
<b>Waste Class:</b> 312 P <b>Waste Class Desc:</b> Pathological wastes					
<a href="#">2</a>	4 of 9	NE/220.7	179.8 / 0.00	<b>Teck Metals Ltd. Product Technology Centre</b> <b>3750B Laird Road, Unit 15</b> <b>Mississauga ON L5L0A6</b>	GEN
<b>Generator No:</b> ON8074534 <b>Status:</b> Registered <b>PO Box No:</b> <b>Country:</b> Canada					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 146 T <b>Waste Class Desc:</b> Other specified inorganic sludges, slurries or solids					
<b>Waste Class:</b> 148 C <b>Waste Class Desc:</b> Misc. wastes and inorganic chemicals					
<b>Waste Class:</b> 148 T <b>Waste Class Desc:</b> Misc. wastes and inorganic chemicals					
<b>Waste Class:</b> 251 L <b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<b>Waste Class:</b> 263 I <b>Waste Class Desc:</b> Misc. waste organic chemicals					
<a href="#"><u>2</u></a>	5 of 9	NE/220.7	179.8 / 0.00	<b>Stromcore Energy Inc.</b> <b>3750B Laird Road Unit 1</b> <b>Mississauga ON L5L 0A6</b>	GEN
<b>Generator No:</b> ON4879089 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 148 R <b>Waste Class Desc:</b> Misc. wastes and inorganic chemicals					
<a href="#"><u>2</u></a>	6 of 9	NE/220.7	179.8 / 0.00	<b>Hypercoat-Downing Ltd</b> <b>3750B Laird Rd, Unit 6</b> <b>Mississauga ON L5L0A6</b>	GEN
<b>Generator No:</b> ON2892963 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 145 I <b>Waste Class Desc:</b> Wastes from the use of pigments, coatings and paints					
<a href="#"><u>2</u></a>	7 of 9	NE/220.7	179.8 / 0.00	<b>Teck Metals Ltd. Product Technology Centre</b> <b>3750B Laird Road, Unit 15</b> <b>Mississauga ON L5L0A6</b>	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Generator No:</b> ON8074534 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<u>Detail(s)</u>					
<b>Waste Class:</b> 251 L <b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<b>Waste Class:</b> 148 T <b>Waste Class Desc:</b> Misc. wastes and inorganic chemicals					
<b>Waste Class:</b> 148 C <b>Waste Class Desc:</b> Misc. wastes and inorganic chemicals					
<b>Waste Class:</b> 263 I <b>Waste Class Desc:</b> Misc. waste organic chemicals					
<b>Waste Class:</b> 146 T <b>Waste Class Desc:</b> Other specified inorganic sludges, slurries or solids					
<b>Waste Class:</b> 148 B <b>Waste Class Desc:</b> Misc. wastes and inorganic chemicals					
<u>2</u>	8 of 9	NE/220.7	179.8 / 0.00	Hypercoat-Downing Ltd 3750B Laird Rd, Unit 6 Mississauga ON L5L0A6	GEN
<b>Generator No:</b> ON2892963 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<u>Detail(s)</u>					
<b>Waste Class:</b> 145 I <b>Waste Class Desc:</b> Wastes from the use of pigments, coatings and paints					
<u>2</u>	9 of 9	NE/220.7	179.8 / 0.00	Edge Pharmacy Services, ULC 3750B Laird Road Units 4 & 5 Mississauga ON L5L 0A6	GEN
<b>Generator No:</b> ON5071742 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<u>Detail(s)</u>					
<b>Waste Class:</b> 261 A <b>Waste Class Desc:</b> Pharmaceuticals					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Waste Class:</b>		145 H			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<hr/>					
<u>3</u>	1 of 1	NW/222.1	180.3 / 0.41	3995 Ninth Line Mississauga ON	EHS
<b>Order No:</b>	20170405051			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	10-APR-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	05-APR-17			<b>X:</b>	-79.714143
<b>Previous Site Name:</b>				<b>Y:</b>	43.521371
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<hr/>					
<u>4</u>	1 of 1	NW/225.7	180.0 / 0.13	ON	WWIS
<b>Well ID:</b>	7192972			<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>				<b>Date Received:</b>	12/6/2012
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>				<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	6607
<b>Casing Material:</b>				<b>Form Version:</b>	8
<b>Audit No:</b>	C18006			<b>Owner:</b>	
<b>Tag:</b>	A126287			<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	PEEL
<b>Elevation (m):</b>				<b>Municipality:</b>	MISSISSAUGA CITY (TRAFALGAR)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<hr/>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1004216219			<b>Elevation:</b>	183.882736
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>				<b>East83:</b>	603918
<b>Code OB Desc:</b>				<b>North83:</b>	4819524
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	6/14/2012			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>					
<a href="#">5</a>	1 of 1	WNW/232.7	180.8 / 0.91	ON	WWIS
<div> <div> <b>Well ID:</b> 7242918  <b>Construction Date:</b>  <b>Primary Water Use:</b>  <b>Sec. Water Use:</b>  <b>Final Well Status:</b>  <b>Water Type:</b>  <b>Casing Material:</b>  <b>Audit No:</b> C29378  <b>Tag:</b> A126287  <b>Construction Method:</b>  <b>Elevation (m):</b>  <b>Elevation Reliability:</b>  <b>Depth to Bedrock:</b>  <b>Well Depth:</b>  <b>Overburden/Bedrock:</b>  <b>Pump Rate:</b>  <b>Static Water Level:</b>  <b>Flowing (Y/N):</b>  <b>Flow Rate:</b>  <b>Clear/Cloudy:</b> </div> <div> <b>Data Entry Status:</b> Yes  <b>Data Src:</b>  <b>Date Received:</b> 6/11/2015  <b>Selected Flag:</b> Yes  <b>Abandonment Rec:</b> Yes  <b>Contractor:</b> 7215  <b>Form Version:</b> 8  <b>Owner:</b>  <b>Street Name:</b>  <b>County:</b> PEEL  <b>Municipality:</b> MISSISSAUGA CITY (TRAFALGAR)  <b>Site Info:</b>  <b>Lot:</b>  <b>Concession:</b>  <b>Concession Name:</b>  <b>Easting NAD83:</b>  <b>Northing NAD83:</b>  <b>Zone:</b>  <b>UTM Reliability:</b> </div> </div>					
<b><u>Bore Hole Information</u></b>					
<div> <div> <b>Bore Hole ID:</b> 1005406222  <b>DP2BR:</b>  <b>Spatial Status:</b>  <b>Code OB:</b>  <b>Code OB Desc:</b>  <b>Open Hole:</b>  <b>Cluster Kind:</b>  <b>Date Completed:</b> 5/21/2015  <b>Remarks:</b>  <b>Elevrc Desc:</b>  <b>Location Source Date:</b>  <b>Improvement Location Source:</b>  <b>Improvement Location Method:</b>  <b>Source Revision Comment:</b>  <b>Supplier Comment:</b> </div> <div> <b>Elevation:</b> 182.645675  <b>Elevrc:</b>  <b>Zone:</b> 17  <b>East83:</b> 603892  <b>North83:</b> 4819496  <b>Org CS:</b> UTM83  <b>UTMRC:</b> 4  <b>UTMRC Desc:</b> margin of error : 30 m - 100 m  <b>Location Method:</b> wwr </div> </div>					
<a href="#">6</a>	1 of 1	E/238.4	179.8 / 0.00	Snider junkyard 1976 Mississauga ON L5L	ANDR
<div> <div> <b>Legal Description:</b> Toronto Tp Con 1 NDS Lot 5 pt  <b>Location Description:</b> E of 9th Line, S of Burnhamthorpe Rd, on trib. to Joshuas Ck, under course of Highway 403  <b>Municipality:</b> Mississauga City  <b>Current Municipality:</b> Mississauga City  <b>RM:</b> Peel Region  <b>Facility:</b> Auto Junkyard  <b>Date Active:</b> 1976  <b>Date Begun:</b>  <b>Date Complete:</b>  <b>Area (Ha):</b> 3.519  <b>Landfill Type:</b>  <b>Group Name:</b> Joshuas Creek  <b>Operated By:</b> </div> </div>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Serial:</b>		JY PEEL6 1976			
<b>NTS:</b>		30M12			
<b>Diameter (m):</b>		350			
<b>Historical Summary:</b>					
Snider junkyard 1976 1979 NTS Map 30M12 Junkyard marked, 350m dia., E of 9th Line, S of Burnhamthorpe Rd, on trib. to Joshuas Ck, under course of Highway 403 [1979 NTS 1:50,000 Map Brampton ON Sheet 30M12 Edition 5 (air photos 1976, checks 1976, publication 1979)].					
<b>Waste Type:</b>					
<b>UTM X Nad 27:</b>		604323.19			
<b>UTM Y Nad 27:</b>		4819161.48			
<b>UTM Zone:</b>		17			



# Unplottable Summary

Total: 37 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	ERIN MILLS DEV. CORP.	LAIRD RD.	MISSISSAUGA ON	
CA		Ninth Line	Mississauga ON	
CA	FIRST CITY DEVELOPMENT CORP. LTD.	EASEMENT NINTH LINE LISGAR SUB	MISSISSAUGA CITY ON	
CA	ERIN MILLS DEV. CORP.	LAIRD RD.	MISSISSAUGA ON	
CA	MISSISSAUGA CITY-LISGAR/W.CHURCHILL DIST	NINTH LINE/FUTURE ERIN CENTRE	MISSISSAUGA CITY ON	
CA	The Erin Mills Development Corporation	Laird Road	Mississauga ON	
CA	REG.MUN.OF HALTON	NINTH LINE SEWAGE PS	OAKVILLE ON	
ECA	Costco Wholesale Canada Ltd.	Lot 4 and 5, Concession 1	Mississauga ON	K2E 1C5
EHS		West side of Ninth Line, between Hwy 401 & 407	Mississauga ON	
EHS		Ninth Line	Mississauga ON	
GEN	GLEN OAKS MEMORIAL GARDENS	NINTH LINE C/O 3476 GLEN ERIN DRIVE	MISSISSAUGA ON	L5L 1W6
INC		Ninth Line, Oakville	ON	
REC	GLEN OAKS MEMORIAL GARDENS	NINTH LINE	MISSISSAUGA ON	L5L 1W6
REC	GLEN OAKS MEMORIAL GARDENS	NINTH LINE C/O 3476 GLEN ERIN DRIVE	MISSISSAUGA ON	L5L 1W6
SPL	Transport Company - Bruce R Smith Ltd.<UNOFFICIAL>	GRASSY MEDIAN BETWEEN EAST AND WESTBOUND LANES OF HWY 403<UNOFFICIAL>	Mississauga ON	
SPL	Reimer Express Lines Ltd.	HWY 403 EASTBOUND AT QEW INTERCHANGE<UNOFFICIAL>	Oakville ON	
SPL		Highway 403 eastbound, exit 121	Mississauga ON	

SPL	Union Gas Limited	9th Line Oakville; all over in Burlington	Oakville; Burlington ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		lot 5	ON
WWIS		lot 5	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		lot 6 con 1	ON
WWIS		lot 6 con 1	ON
WWIS		con 1	ON
WWIS		lot 6	ON

# Unplottable Report

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**Site:** ERIN MILLS DEV. CORP.  
LAIRD RD. MISSISSAUGA ON

**Database:**  
CA

**Certificate #:** 7-0583-85-006  
**Application Year:** 85  
**Issue Date:** 7/25/85  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Ninth Line Mississauga ON

**Database:**  
CA

**Certificate #:** 8428-4MBM8G  
**Application Year:** 00  
**Issue Date:** 7/25/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the City of Mississauga  
**Client Address:** 3185 Mavis Road  
**Client City:** Mississauga  
**Client Postal Code:** L5C 1T7  
**Project Description:** Installation of Storm Sewers on Ninth Line.  
**Contaminants:**  
**Emission Control:**

---

**Site:** FIRST CITY DEVELOPMENT CORP. LTD.  
EASEMENT NINTH LINE LISGAR SUB MISSISSAUGA CITY ON

**Database:**  
CA

**Certificate #:** 3-0128-87-  
**Application Year:** 87  
**Issue Date:** 2/27/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** ERIN MILLS DEV. CORP.  
LAIRD RD. MISSISSAUGA ON

**Database:**  
CA

**Certificate #:** 3-0809-85-006  
**Application Year:** 85

**Issue Date:** 7/25/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **MISSISSAUGA CITY-LISGAR/W.CHURCHILL DIST**  
**NINTH LINE/FUTURE ERIN CENTRE MISSISSAUGA CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-0286-90-  
**Application Year:** 90  
**Issue Date:** 3/9/1990  
**Approval Type:** Municipal sewage  
**Status:** Revised  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **The Erin Mills Development Corporation**  
**Laird Road Mississauga ON**

**Database:**  
**CA**

**Certificate #:** 0653-6DNNBD  
**Application Year:** 2005  
**Issue Date:** 6/28/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **REG.MUN.OF HALTON**  
**NINTH LINE SEWAGE PS OAKVILLE ON**

**Database:**  
**CA**

**Certificate #:** 3-0063-85-006  
**Application Year:** 85  
**Issue Date:** 3/15/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

**Site:** Costco Wholesale Canada Ltd.  
Lot 4 and 5, Concession 1 Mississauga ON K2E 1C5

**Database:**  
ECA

<b>Approval No:</b>	2286-94DMMM	<b>MOE District:</b>	
<b>Approval Date:</b>	2013-02-14	<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced	<b>Longitude:</b>	
<b>Record Type:</b>	ECA	<b>Latitude:</b>	
<b>Link Source:</b>	IDS	<b>Geometry X:</b>	
<b>SWP Area Name:</b>		<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS		
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS		
<b>Address:</b>	Lot 4 and 5, Concession 1		
<b>Full Address:</b>			
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/9888-8UUQ82-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/9888-8UUQ82-14.pdf</a>		

**Site:** West side of Ninth Line, between Hwy 401 & 407 Mississauga ON

**Database:**  
EHS

<b>Order No:</b>	20110412012	<b>Nearest Intersection:</b>	Hwys 401 & 407
<b>Status:</b>	C	<b>Municipality:</b>	Peel
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	4/20/2011	<b>Search Radius (km):</b>	0.4
<b>Date Received:</b>	4/12/2011 9:42:09 AM	<b>X:</b>	-79.784437
<b>Previous Site Name:</b>		<b>Y:</b>	1
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans		

**Site:** Ninth Line Mississauga ON

**Database:**  
EHS

<b>Order No:</b>	20120206042	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	2/15/2012	<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	2/6/2012 3:13:37 PM	<b>X:</b>	-79.7142
<b>Previous Site Name:</b>	Unknown	<b>Y:</b>	1
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Topographic Maps		

**Site:** GLEN OAKS MEMORIAL GARDENS  
NINTH LINE C/O 3476 GLEN ERIN DRIVE MISSISSAUGA ON L5L 1W6

**Database:**  
GEN

<b>Generator No:</b>	RR0530	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	86	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	011		
<b>SIC Description:</b>			

**Site:** Ninth Line, Oakville ON

**Database:**  
INC

<b>Incident No:</b>	844806
<b>Incident ID:</b>	3002262
<b>Attribute Category:</b>	FS-Perform L1 Incident Insp
<b>Status Code:</b>	Causal Analysis Complete
<b>Incident Location:</b>	Ninth Line, Oakville - Vapour Release
<b>Drainage System:</b>	
<b>Sub Surface Contam.:</b>	
<b>Aff. Prop. Use Water:</b>	
<b>Contam. Migrated:</b>	
<b>Contact Natural Env.:</b>	
<b>Near Body of Water:</b>	
<b>Approx. Quant. Rel.:</b>	

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:  
Pipeline Involved: Pump Station  
Pipe Material:  
Depth Ground Cover:  
Regulator Location:  
Regulator Type:  
Operation Pressure:  
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: Vapour Release  
Fuel Type Involved: Natural Gas  
Date of Occurrence: 2012/07/17 00:00:00  
Time of Occurrence: 12:30:00  
Occur Insp Start Date: 2012/07/17 00:00:00  
Any Health Impact: No  
Any Environmental Impact: No  
Was Service Interrupted: No  
Was Property Damaged: No  
Operation Type Involved: Other-Specify  
Enforcement Policy: NULL  
Prc Escalation Required: NULL  
Task No: 3909399  
Notes:  
Occurrence Narrative: Relief valve discharge at Gate Strn  
Tank Material Type:  
Tank Storage Type:  
Tank Location Type:  
Pump Flow Rate Capac:  
Liquid Prop Notes:

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**Site:** GLEN OAKS MEMORIAL GARDENS  
NINTH LINE MISSISSAUGA ON L5L 1W6

**Database:**  
**REC**

Rec Op Div:  
Co Admin:  
Phone No Admin:  
Rec Div:  
Rec Op Name:  
Choice of Contact:  
Site Bldg:  
Site PO Box:  
Receiver #: RR0530  
Facility Type:  
Approval Yrs: 06,07,08

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**Site:** GLEN OAKS MEMORIAL GARDENS  
NINTH LINE C/O 3476 GLEN ERIN DRIVE MISSISSAUGA ON L5L 1W6

**Database:**  
**REC**

Rec Op Div:  
Co Admin:  
Phone No Admin:  
Rec Div:

**Rec Op Name:**  
**Choice of Contact:**  
**Site Bldg:**  
**Site PO Box:**  
**Receiver #:** RR0530  
**Facility Type:** INCINERATION  
**Approval Yrs:** 86,87,88,89,90,92

<b>Site:</b> Transport Company - Bruce R Smith Ltd.<UNOFFICIAL> GRASSY MEDIAN BETWEEN EAST AND WESTBOUND LANES OF HWY 403<UNOFFICIAL> Mississauga ON		<b>Database:</b> SPL
<b>Ref No:</b> 6037-67R9HZ <b>Site No:</b> <b>Incident Dt:</b> 12/17/2004 <b>Year:</b> <b>Incident Cause:</b> Other Transport Accident <b>Incident Event:</b> <b>Contaminant Code:</b> 13 <b>Contaminant Name:</b> DIESEL FUEL <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Possible <b>Nature of Impact:</b> Soil Contamination <b>Receiving Medium:</b> Land <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 12/17/2004 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Unknown - Reason not determined <b>Site Name:</b> GRASSY MEDIAN BETWEEN EAST AND WESTBOUND LANES OF HWY 403<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> MVA: 120 L DSL to median of Hwy. 403, contained <b>Contaminant Qty:</b> 120 L	<b>Discharger Report:</b> <b>Material Group:</b> Oil <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Transport Truck <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> Halton-Peel <b>Site Postal Code:</b> <b>Site Region:</b> Central <b>Site Municipality:</b> Mississauga <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Spill to Highway (Accident) <b>Source Type:</b>	

<b>Site:</b> Reimer Express Lines Ltd. HWY 403 EASTBOUND AT QEW INTERCHANGE<UNOFFICIAL> Oakville ON		<b>Database:</b> SPL
<b>Ref No:</b> 4660-6M2ANR <b>Site No:</b> <b>Incident Dt:</b> 2/15/2006 <b>Year:</b> <b>Incident Cause:</b> Container Leak (Fuel Tank Barrels) <b>Incident Event:</b> <b>Contaminant Code:</b> 13 <b>Contaminant Name:</b> DIESEL FUEL <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Possible <b>Nature of Impact:</b> Soil Contamination <b>Receiving Medium:</b> Land <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2/15/2006 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Debris on Road <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Reimer Express-150 L Diesel to Highway & Ditch,OPP,MTO. <b>Contaminant Qty:</b> 150 L	<b>Discharger Report:</b> <b>Material Group:</b> Oils <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Transport Truck <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> Halton-Peel <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Oakville <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	

<b>Site:</b> Highway 403 eastbound, exit 121 Mississauga ON		<b>Database:</b> SPL
<b>Ref No:</b>	1410-92CBS2	<b>Discharger Report:</b>
<b>Site No:</b>		<b>Material Group:</b>
<b>Incident Dt:</b>	24-NOV-12	<b>Health/Env Conseq:</b>
<b>Year:</b>		<b>Client Type:</b>
<b>Incident Cause:</b>	Collision/Accident	<b>Sector Type:</b> Motor Vehicle
<b>Incident Event:</b>		<b>Agency Involved:</b>
<b>Contaminant Code:</b>	13	<b>Nearest Watercourse:</b>
<b>Contaminant Name:</b>	DIESEL FUEL	<b>Site Address:</b> Highway 403 eastbound, exit 121
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>
<b>Environment Impact:</b>	Confirmed	<b>Site Municipality:</b> Mississauga
<b>Nature of Impact:</b>	Soil Contamination	<b>Site Lot:</b>
<b>Receiving Medium:</b>		<b>Site Conc:</b>
<b>Receiving Env:</b>		<b>Northing:</b>
<b>MOE Response:</b>	No Field Response	<b>Easting:</b>
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>
<b>MOE Reported Dt:</b>	24-NOV-12	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>	03-JAN-13	<b>SAC Action Class:</b> Highway Spills (usually highway accidents)
<b>Incident Reason:</b>	Other	<b>Source Type:</b>
<b>Site Name:</b>	Highway 403<UNOFFICIAL>	
<b>Site County/District:</b>		
<b>Site Geo Ref Meth:</b>		
<b>Incident Summary:</b>	Highway 403 eastbound, spill 30 L diesel, clng	
<b>Contaminant Qty:</b>	30 L	

<b>Site:</b> Union Gas Limited 9th Line Oakville; all over in Burlington Oakville; Burlington ON		<b>Database:</b> SPL
<b>Ref No:</b>	6348-8WAPQT	<b>Discharger Report:</b>
<b>Site No:</b>		<b>Material Group:</b>
<b>Incident Dt:</b>	17-JUL-12	<b>Health/Env Conseq:</b>
<b>Year:</b>		<b>Client Type:</b>
<b>Incident Cause:</b>	Discharge or Emission to Air	<b>Sector Type:</b> Pipeline
<b>Incident Event:</b>		<b>Agency Involved:</b>
<b>Contaminant Code:</b>	35	<b>Nearest Watercourse:</b>
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)	<b>Site Address:</b> 9th Line Oakville; all over in Burlington
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>
<b>Environment Impact:</b>	Confirmed	<b>Site Municipality:</b> Oakville; Burlington
<b>Nature of Impact:</b>	Air Pollution; Human Health/Safety	<b>Site Lot:</b>
<b>Receiving Medium:</b>	Sewage - Municipal/Private and Commercial	<b>Site Conc:</b>
<b>Receiving Env:</b>		<b>Northing:</b>
<b>MOE Response:</b>	No Field Response	<b>Easting:</b>
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>
<b>MOE Reported Dt:</b>	17-JUL-12	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>		<b>Source Type:</b>
<b>Site Name:</b>	Bronte Gate<UNOFFICIAL>; gate stations<UNOFFICIAL>	
<b>Site County/District:</b>		
<b>Site Geo Ref Meth:</b>		
<b>Incident Summary:</b>	TSSA FSB: unplanned gas release, various areas	
<b>Contaminant Qty:</b>		

<b>Site:</b> con 1 ON		<b>Database:</b> WWIS
<b>Well ID:</b>	2809498	<b>Data Entry Status:</b>
<b>Construction Date:</b>		<b>Data Src:</b> 1
<b>Primary Water Use:</b>	Commerical	<b>Date Received:</b> 12/14/2001
<b>Sec. Water Use:</b>		<b>Selected Flag:</b> Yes



**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 234053  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Abandonment Rec:**  
**Contractor:** 1660  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** OAKVILLE TOWN  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** DS N  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### **Bore Hole Information**

**Bore Hole ID:** 10518552  
**DP2BR:** 48  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 1/10/2001  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

#### **Overburden and Bedrock Materials Interval**

**Formation ID:** 932838887  
**Layer:** 6  
**Color:** 7  
**General Color:** RED  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 48  
**Formation End Depth:** 80  
**Formation End Depth UOM:** ft

#### **Overburden and Bedrock Materials Interval**

**Formation ID:** 932838883  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Other Materials:** SANDY  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 19  
**Formation End Depth:** 28

Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932838885  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 06  
Most Common Material: SILT  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 33  
Formation End Depth: 42  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932838886  
Layer: 5  
Color: 7  
General Color: RED  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 42  
Formation End Depth: 48  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932838884  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 29  
Most Common Material: FINE GRAVEL  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 28  
Formation End Depth: 33  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932838882  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 77  
Other Materials: LOOSE  
Mat3:  
Other Materials:

**Formation Top Depth:** 0  
**Formation End Depth:** 19  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933221258  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well**  
**Use**

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

**Pipe Information**

**Pipe ID:** 11067122  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930264894  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930264893  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992809498  
**Pump Set At:**  
**Static Level:** 27  
**Final Level After Pumping:** 65  
**Recommended Pump Depth:** 70  
**Pumping Rate:** 5  
**Flowing Rate:**  
**Recommended Pump Rate:** 5  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1

Water State After Test: CLEAR  
Pumping Test Method: 2  
Pumping Duration HR: 1  
Pumping Duration MIN: 30  
Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 934175813  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 36  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934458204  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 48  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934716704  
Test Type: Draw Down  
Test Duration: 45  
Test Level: 57  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934978483  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 65  
Test Level UOM: ft

**Water Details**

Water ID: 934010629  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 68  
Water Found Depth UOM: ft

**Site:**

con 1 ON

**Database:**  
**WWIS**

Well ID: 2808555  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 181752  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:

Data Entry Status:  
Data Src: 1  
Date Received: 8/14/1997  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 4005  
Form Version: 1  
Owner:  
Street Name:  
County: HALTON  
Municipality: OAKVILLE TOWN  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS N

Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10154812  
DP2BR: 18  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 7/29/1997  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931452087  
Layer: 6  
Color: 7  
General Color: RED  
Mat1: 17  
Most Common Material: SHALE  
Mat2: 73  
Other Materials: HARD  
Mat3:  
Other Materials:  
Formation Top Depth: 97  
Formation End Depth: 100  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931452082  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 28  
Other Materials: SAND  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 12  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931452085  
Layer: 4  
Color: 7  
General Color: RED  
Mat1: 17

**Most Common Material:** SHALE  
**Mat2:** 73  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 27  
**Formation End Depth:** 60  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931452086  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 60  
**Formation End Depth:** 97  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931452083  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 12  
**Formation End Depth:** 18  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931452084  
**Layer:** 3  
**Color:** 7  
**General Color:** RED  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 18  
**Formation End Depth:** 27  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

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

**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10703382  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930263412  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 27  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930263413  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 100  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992808555  
**Pump Set At:**  
**Static Level:**  
**Final Level After Pumping:**  
**Recommended Pump Depth:**  
**Pumping Rate:**  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:**  
**Water State After Test:**  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 0  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Site:**  
lot 5 ON

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

**Well ID:** 6714537  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 257954  
**Tag:**  
**Construction Method:**  
**Elevation (m):**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/26/2003  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 2663  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** WELLINGTON  
**Municipality:** PEEL TOWNSHIP

**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10548088  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** o  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 8/15/2003  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932939998  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 178  
**Formation End Depth:** 180  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932939997  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 80  
**Formation End Depth:** 178  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932939996



Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 28  
Other Materials: SAND  
Mat3: 12  
Other Materials: STONES  
Formation Top Depth: 0  
Formation End Depth: 80  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933244725  
Layer: 1  
Plug From: 0  
Plug To: 20  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

Pipe ID: 11096658  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930779266  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To:  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 996714537  
Pump Set At:  
Static Level: 18  
Final Level After Pumping: 19  
Recommended Pump Depth: 60  
Pumping Rate: 30  
Flowing Rate:  
Recommended Pump Rate: 30  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 1  
Pumping Duration HR: 1  
Pumping Duration MIN: 0

Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 934614681  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 19  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 935136750  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 19  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934350122  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 19  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934875691  
Test Type: Draw Down  
Test Duration: 45  
Test Level: 19  
Test Level UOM: ft

**Water Details**

Water ID: 934042027  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 178  
Water Found Depth UOM: ft

**Water Details**

Water ID: 934042028  
Layer: 2  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 180  
Water Found Depth UOM: ft

**Site:**  
lot 5 ON

**Database:**  
WWIS

Well ID: 2806107  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No:  
Tag:

**Data Entry Status:**  
Data Src: 1  
Date Received: 2/8/1984  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 4005  
Form Version: 1  
Owner:  
Street Name:

**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:**

**County:** HALTON  
**Municipality:** OAKVILLE TOWN  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10152422  
**DP2BR:** 30  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 1/9/1984  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931441624  
**Layer:** 3  
**Color:** 7  
**General Color:** RED  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:** 73  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 30  
**Formation End Depth:** 50  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931441623  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Other Materials:** SANDY  
**Mat3:** 11  
**Other Materials:** GRAVEL  
**Formation Top Depth:** 12  
**Formation End Depth:** 30  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931441622  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 12  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

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

**Pipe Information**

**Pipe ID:** 10700992  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930259096  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 50  
**Casing Diameter:**  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930259095  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 31  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992806107  
**Pump Set At:**  
**Static Level:** 29  
**Final Level After Pumping:** 45  
**Recommended Pump Depth:** 47  
**Pumping Rate:** 7  
**Flowing Rate:**  
**Recommended Pump Rate:** 6  
**Levels UOM:** ft  
**Rate UOM:** GPM

Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 2  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 934969185  
Test Type: Recovery  
Test Duration: 60  
Test Level: 29  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934716597  
Test Type: Recovery  
Test Duration: 45  
Test Level: 29  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934449082  
Test Type: Recovery  
Test Duration: 30  
Test Level: 29  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934175131  
Test Type: Recovery  
Test Duration: 15  
Test Level: 32  
Test Level UOM: ft

**Water Details**

Water ID: 933609357  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 47  
Water Found Depth UOM: ft

**Site:**  
con 1 ON

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

Well ID: 2809815  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 257909  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:

**Data Entry Status:**  
Data Src: 1  
Date Received: 11/10/2003  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 7215  
Form Version: 2  
Owner:  
Street Name:  
County: HALTON  
Municipality: OAKVILLE TOWN  
Site Info:  
Lot:  
Concession: 01

Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

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

**Bore Hole Information**

Bore Hole ID: 11098118  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 10/18/2003  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 11101833  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
con 1 ON

**Database:**  
WWIS

Well ID: 2809817  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 259729  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 11/10/2003  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 7215  
Form Version: 2  
Owner:  
Street Name:  
County: HALTON  
Municipality: OAKVILLE TOWN  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS S  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**



**Bore Hole ID:** 11098120  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** —  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/18/2003  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Method of Construction & Well Use**

**Method Construction ID:**  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11101835  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:**  
 con 1 ON

**Database:**  
 WWIS

**Well ID:** 2809819  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 259727  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/10/2003  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 7215  
**Form Version:** 2  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** OAKVILLE TOWN  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** DS S  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 11098122  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** —  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/18/2003  
**Remarks:**  
**Elevrc Desc:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 11101837  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
con 1 ON

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

Well ID:	2809820	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	11/10/2003
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Not A Well	Abandonment Rec:	
Water Type:		Contractor:	7215
Casing Material:		Form Version:	2
Audit No:	259726	Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	OAKVILLE TOWN
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	DS S
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:	11098123	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	—	East83:	
Code OB Desc:	No formation data	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/18/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

Pipe Information

Pipe ID: 11101838  
Casing No: 1  
Comment:  
Alt Name:

Site:  
con 1 ON

Database:  
[WWIS](#)

Well ID: 4908322  
Construction Date:  
Primary Water Use:  
Sec. Water Use:  
Final Well Status:  
Water Type:  
Casing Material:  
Audit No: 75175  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 4/17/1998  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 3656  
Form Version: 1  
Owner:  
Street Name:  
County: PEEL  
Municipality: MISSISSAUGA CITY  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS N  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10322858  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 3/6/1998  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

Method of Construction & Well Use

Method Construction ID:  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

Pipe Information

Pipe ID: 10871428  
Casing No: 1

Comment:  
Alt Name:

**Site:**  
con 1 ON

**Database:**  
WWIS

Well ID: 4909196  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 253141  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/4/2003  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 1663  
Form Version: 1  
Owner:  
Street Name:  
County: PEEL  
Municipality: MISSISSAUGA CITY  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS S  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10546467  
DP2BR:  
Spatial Status:  
Code OB: —  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 5/29/2003  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: A  
Method Construction: Digging  
Other Method Construction:

**Pipe Information**

Pipe ID: 11095037  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
con 1 ON

**Database:**  
WWIS

Well ID: 4908323  
Construction Date:  
Primary Water Use:

Data Entry Status:  
Data Src: 1  
Date Received: 4/17/1998

**Sec. Water Use:**  
**Final Well Status:**  
**Water Type:**  
**Casing Material:**  
**Audit No:** 75174  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3656  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** PEEL  
**Municipality:** MISSISSAUGA CITY  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** DS N  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10322859  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** \_  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 3/27/1998  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Method of Construction & Well Use**

**Method Construction ID:**  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10871429  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:**  
con 1 ON

**Database:**  
WWIS

**Well ID:** 4908210  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 75172  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 7/8/1997  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3656  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** PEEL  
**Municipality:** MISSISSAUGA CITY  
**Site Info:**  
**Lot:**

Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Concession: 01  
Concession Name: DS N  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10322769  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 6/30/1997  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932062382  
Layer: 1  
Color:  
General Color:  
Mat1: 00  
Most Common Material: UNKNOWN TYPE  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth:  
Formation End Depth:  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID:  
Method Construction Code: B  
Method Construction: Other Method  
Other Method Construction:

**Pipe Information**

Pipe ID: 10871339  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
con 1 ON

**Database:**  
**WWIS**

Well ID: 2809818  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Not A Well

Data Entry Status:  
Data Src: 1  
Date Received: 11/10/2003  
Selected Flag: Yes  
Abandonment Rec:



Water Type:  
Casing Material:  
Audit No: 259728  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Contractor: 7215  
Form Version: 2  
Owner:  
Street Name:  
County: HALTON  
Municipality: OAKVILLE TOWN  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS S  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 11098121  
DP2BR:  
Spatial Status:  
Code OB: -  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 10/18/2003  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 11101836  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
con 1 ON

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

Well ID: 2809816  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Not A Well  
Water Type:  
Casing Material:  
Audit No: 259730  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:

Data Entry Status:  
Data Src: 1  
Date Received: 11/10/2003  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 7215  
Form Version: 2  
Owner:  
Street Name:  
County: HALTON  
Municipality: OAKVILLE TOWN  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS S

Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 11098119  
DP2BR:  
Spatial Status:  
Code OB: —  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 10/18/2003  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 11101834  
Casing No: 1  
Comment:  
Alt Name:

**Site:**  
con 1 ON

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

Well ID: 2809579  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 228758  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 5/22/2002  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 3349  
Form Version: 1  
Owner:  
Street Name:  
County: HALTON  
Municipality: OAKVILLE TOWN  
Site Info:  
Lot:  
Concession: 01  
Concession Name: DS S  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10525254

Elevation:

**DP2BR:**  
**Spatial Status:**  
**Code OB:** x  
**Code OB Desc:** Unknown type in the lower layers(s)  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 5/22/2002  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932862503  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 00  
**Most Common Material:** UNKNOWN TYPE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 2  
**Formation End Depth:** 46  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932862502  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 2  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933226412  
**Layer:** 1  
**Plug From:** 1  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well**  
**Use**

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

**Pipe Information**

Pipe ID: 11073824  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930264967  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To:  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930264966  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To:  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 992809579  
Pump Set At:  
Static Level:  
Final Level After Pumping:  
Recommended Pump Depth:  
Pumping Rate: 5  
Flowing Rate:  
Recommended Pump Rate: 5  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 1  
Pumping Duration HR: 4  
Pumping Duration MIN: 0  
Flowing: N

**Water Details**

Water ID: 934017948  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 6  
Water Found Depth UOM: ft

**Site:**

lot 6 con 1 ON

**Database:**  
**WWIS**

Well ID: 4902177  
Construction Date:  
Primary Water Use:  
Sec. Water Use:

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 2/23/1950  
**Selected Flag:** Yes

**Final Well Status:** Abandoned-Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Abandonment Rec:**  
**Contractor:** 2613  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** PEEL  
**Municipality:** MISSISSAUGA CITY  
**Site Info:**  
**Lot:** 006  
**Concession:** 01  
**Concession Name:** DS S R  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10317020  
**DP2BR:** 8  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 3/2/1949  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932037003  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 8  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932037004  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 8  
**Formation End Depth:** 40

Formation End Depth UOM: ft

**Method of Construction & Well Use**

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

**Pipe Information**

Pipe ID: 10865590  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930523950  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 10  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930523951  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 40  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Site:**

lot 6 con 1 ON

**Database:**  
**WWIS**

Well ID: 7102683  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: Z42113  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 3/5/2008  
**Selected Flag:** Yes  
**Abandonment Rec:** Yes  
**Contractor:** 4868  
**Form Version:** 3  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** OAKVILLE TOWN  
**Site Info:**  
**Lot:** 006  
**Concession:** 01  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**



**Bore Hole Information**

<b>Bore Hole ID:</b>	1001540323	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	9
<b>Code OB Desc:</b>		<b>North83:</b>	9
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	2/27/2008	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1001633271
<b>Layer:</b>	2
<b>Plug From:</b>	6
<b>Plug To:</b>	0
<b>Plug Depth UOM:</b>	ft

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1001633269
<b>Layer:</b>	3
<b>Plug From:</b>	10
<b>Plug To:</b>	6
<b>Plug Depth UOM:</b>	ft

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1001633267
<b>Layer:</b>	1
<b>Plug From:</b>	76
<b>Plug To:</b>	40
<b>Plug Depth UOM:</b>	ft

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1001633268
<b>Layer:</b>	2
<b>Plug From:</b>	40
<b>Plug To:</b>	38
<b>Plug Depth UOM:</b>	ft

**Annular Space/Abandonment  
Sealing Record**

<b>Plug ID:</b>	1001633270
<b>Layer:</b>	2
<b>Plug From:</b>	
<b>Plug To:</b>	6
<b>Plug Depth UOM:</b>	ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 1001633264  
**Casing No:** 0  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 1001633273  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:** 0  
**Depth To:** 40  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 1001633274  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:** 40  
**Depth To:** 76  
**Casing Diameter:**  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 1001633275  
**Layer:**  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:**

**Hole Diameter**

**Hole ID:** 1001633266  
**Diameter:** 5  
**Depth From:** 0  
**Depth To:** 76  
**Hole Depth UOM:** ft  
**Hole Diameter UOM:** inch

**Site:**  
con 1 ON

**Database:**  
WWIS

**Well ID:** 2809497  
**Construction Date:**  
**Primary Water Use:** Commerical  
**Sec. Water Use:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 12/14/2001  
**Selected Flag:** Yes

**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 234052  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Abandonment Rec:**  
**Contractor:** 1660  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** OAKVILLE TOWN  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** DS N  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### **Bore Hole Information**

**Bore Hole ID:** 10518551  
**DP2BR:** 46  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 1/5/2001  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

#### **Overburden and Bedrock Materials Interval**

**Formation ID:** 932838881  
**Layer:** 5  
**Color:** 7  
**General Color:** RED  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 46  
**Formation End Depth:** 80  
**Formation End Depth UOM:** ft

#### **Overburden and Bedrock Materials Interval**

**Formation ID:** 932838877  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 12  
**Other Materials:** STONES  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 22

Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932838878  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 81  
Other Materials: SANDY  
Mat3:  
Other Materials:  
Formation Top Depth: 22  
Formation End Depth: 30  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932838879  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 84  
Other Materials: SILTY  
Mat3:  
Other Materials:  
Formation Top Depth: 30  
Formation End Depth: 41  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932838880  
Layer: 4  
Color: 7  
General Color: RED  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 41  
Formation End Depth: 46  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933221257  
Layer: 1  
Plug From: 0  
Plug To: 20  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID:

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

**Pipe Information**

**Pipe ID:** 11067121  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930264892  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930264891  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992809497  
**Pump Set At:**  
**Static Level:** 32  
**Final Level After Pumping:** 68  
**Recommended Pump Depth:** 70  
**Pumping Rate:** 5  
**Flowing Rate:**  
**Recommended Pump Rate:** 5  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934458203  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 51  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934175812

**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 40  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934978482  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 68  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934716703  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 62  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 934010628  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 70  
**Water Found Depth UOM:** ft

**Site:**  
**lot 6 ON**

**Database:**  
**WWIS**

**Well ID:** 4909154  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 163175  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 6/19/2003  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 6030  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** PEEL  
**Municipality:** MISSISSAUGA CITY  
**Site Info:**  
**Lot:** 006  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10540589  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** —  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 5/15/2003  
**Remarks:**  
**Elevrc Desc:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Method of Construction & Well Use**

**Method Construction ID:**  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11089159  
**Casing No:** 1  
**Comment:**  
**Alt Name:**



## 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 2018**

### **Abandoned Mine Information System:**

Provincial

[AMIS](#)

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

**Government Publication Date: 1800-Oct 2018**

### **Anderson's Waste Disposal Sites:**

Private

[ANDR](#)

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

**Government Publication Date: 1860s-Present**

### **Aboveground Storage Tanks:**

Provincial

[AST](#)

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

**Government Publication Date: May 31, 2014**

### **Automobile Wrecking & Supplies:**

Private

[AUWR](#)

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

**Government Publication Date: 1999-Jul 31, 2019**

### **Borehole:**

Provincial

[BORE](#)

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

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

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

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

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

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; 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: Feb 28, 2017**

**Chemical Register:**

Private CHEM

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

**Government Publication Date: 1999-Jul 31, 2019**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 - Mar 2019**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

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

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

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

**Government Publication Date: 1989-Jul 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-Aug 31, 2019**

**Drill Hole Database:**

Provincial DRL

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

**Government Publication Date: 1886 - Oct 2018**

**Environmental Activity and Sector Registry:**Provincial **EASR**

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

**Government Publication Date: Oct 2011-Aug 31, 2019**

**Environmental Registry:**Provincial **EBR**

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

**Government Publication Date: 1994-Aug 31, 2019**

**Environmental Compliance Approval:**Provincial **ECA**

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

**Government Publication Date: Oct 2011-Aug 31, 2019**

**Environmental Effects Monitoring:**Federal **EEM**

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

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**Private **EHS**

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

**Government Publication Date: 1999-Jul 31, 2019**

**Environmental Issues Inventory System:**Federal **EIIS**

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

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**Provincial **EMHE**

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

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**Provincial **EPAR**

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**

**List of TSSA Expired Facilities:**Provincial **EXP**

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017****Federal Convictions:**Federal **FCON**

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

**Government Publication Date: 1988-Jun 2007\*****Contaminated Sites on Federal Land:**Federal **FCS**

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

**Government Publication Date: Jun 2000-May 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 2018****Fuel Storage Tank:**Provincial **FST**

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**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-Jul 31, 2019****Greenhouse Gas Emissions from Large Facilities:**Federal **GHG**

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

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

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

**Government Publication Date: 1950-Aug 2003\***

**TSSA Incidents:**

Provincial

INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

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

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Jan 2019**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

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

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

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

**Government Publication Date: Dec 31, 2017**



**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 National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Dec 31, 2018**

**National Energy Board Wells:**

Federal

NEBP

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

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

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

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

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

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

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

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGWE

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

**Government Publication Date: 1988-May 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

**Orders:**

Provincial

ORD

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

**Government Publication Date: 1994-Aug 31, 2019**

**Canadian Pulp and Paper:**

Private

PAP

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

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

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

PES

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

**Government Publication Date: 1988-Mar 2019**

**TSSA Pipeline Incidents:**

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), 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 pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**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-Aug 31, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial

REC

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

**Government Publication Date: 1986-2016**



**Record of Site Condition:**

Provincial

[RSC](#)

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

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

**Government Publication Date:** 1997-Sept 2001, Oct 2004-Jul 2019

**Retail Fuel Storage Tanks:**

Private

[RST](#)

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

**Government Publication Date:** 1999-Jul 31, 2019

**Scott's Manufacturing Directory:**

Private

[SCT](#)

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

**Government Publication Date:** 1992-Mar 2011\*

**Ontario Spills:**

Provincial

[SPL](#)

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

**Government Publication Date:** 1988-Feb 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

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial

[VAR](#)

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all 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. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**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-Aug 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Feb 28, 2019**

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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



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## Appendix D

### Correspondence

Freedom of Information Request	1
TSSA Records Request	2

Ministry of the Environment,  
Conservation and Parks

Access and Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075  
Fax: (416) 314-4285

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

Bureau de l'accès à l'information et  
de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075



September 24, 2019

Angela Mason  
R.J. Burnside & Associates Limited  
292 Speedvale Ave. W., Suite 20  
Guelph, ON N1H 1C4

Dear Angela Mason:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2019-06199, Your Reference 300044049**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to Lot 5, Concession 1 North of Dundas St, Mississauga.

After a thorough search through the files of the Ministry's Halton Peel District Office, Environmental Assessment and Permissions Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Sharon Menzies at (416) 327-1429 or [Sharon.Menzies@ontario.ca](mailto:Sharon.Menzies@ontario.ca).

Yours truly,

Janet Dadufalza  
Manager, Access and Privacy

## Angela Mason

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** Wednesday, September 11, 2019 7:41 AM  
**To:** Angela Mason  
**Subject:** RE: TSSA Record Request - Ninth Line, Mississauga, Ontario (300044049.0001)

### No Records Found

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are **no fuel storage tanks records** in our database at the subject address(es).

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



#### **Connie Hill | Public Information Agent**

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



---

**From:** Angela Mason <Angela.Mason@rjburnside.com>  
**Sent:** September 10, 2019 2:59 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** TSSA Record Request - Ninth Line, Mississauga, Ontario (300044049.0001)

Good afternoon,

Do you have any TSSA records associated with the following address:

- Ninth Line south of Burnhamthorpe Road West, City of Mississauga, Regional Municipality of Peel, Trafalgar Concession 1 North of Dundas Street, Lot 5, Assessment Roll # 21051500100023300000 (site map attached)

Thanks in advance,



**Angela Mason, M.Sc., P.Geo.**  
Hydrogeologist

R.J. Burnside & Associates Limited  
292 Speedvale Ave. West, Unit 20, Guelph, Ontario N1H 1C4  
Office: 800-265-9662 Direct: 226-314-2129  
[www.rjburnside.com](http://www.rjburnside.com)

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Thank you.

\*\*\*\*\*

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## Appendix E

### Site Photographs



**Photo 1: Entrance to Phase One Property – looking east.**



**Photo 2: South side of Phase One Property, currently occupied by tree removal company (tenant) – looking east.**

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<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 3: North side of the Phase One Property showing soybean field – looking north.**



**Photo 4: Drainage ditch and small wetland on north side of Phase One Property (dry at the time of site visit, which was following significant rainfall) – looking north toward adjacent property.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 5: Adjacent property to the west, across Ninth Line (#3440) – looking west.**



**Photo 6: Adjacent property to the west, across Ninth Line (#3448) – looking west.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 7: Adjacent property to the south, looking east from Ninth Line.**



**Photo 8: Adjacent property to the east (Highway 403) – looking east.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 9: Wood storage shed on Phase One Property – looking east.**



**Photo 10: Wood piles on southeast corner of Phase One Property – looking northwest.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 11: Wood piles and heavy equipment storage on south side of Phase One Property – looking west.**



**Photo 12: Wood piles and heavy equipment storage on south side of Phase One Property – looking west.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 13: Wood piles and heavy equipment storage on southeast side of Phase One Property – looking east.**



**Photo 14: Equipment storage on the south side of the Phase One Property – looking north.**

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<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 15: Equipment storage on the south side of the Phase One Property – looking northeast.**



**Photo 16: Vehicle, equipment and hydraulic fluid storage on the south side of the Phase One Property – looking north.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 17: Hydraulic fluid storage on the south side of the Phase One Property.**



**Photo 18: Vehicle storage and debris on south side of the Phase One Property (oil containers, vehicle parts, scrap metal, wood, etc.) – looking south.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 19: Debris, lithium complex and hydraulic fluid storage on south side of the Phase One Property – looking east.**



**Photo 20: Vehicle sprayer, fuel and battery storage / debris on south side of Phase One Property – looking north.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 21: Storage of hydraulic oils and vehicle maintenance fluids on south side of Phase One Property.**



**Photo 22: Aboveground storage tanks (ASTs) and maintenance fluid storage at southeast side of Phase One Property adjacent to wood shed – looking east.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





Photo 23: Aboveground storage tanks (ASTs) adjacent to wood shed – looking east.



Photo 24: Identification tag for 2,270 L diesel AST.

---

Project Name	Phase One ESA - Ninth Line, Mississauga
Project No.	300044049.1000
Date	October 2, 2019





Photo 25: Identification tag for 1,360 L diesel AST.



Photo 26: Storage of hydraulic oils and vehicle maintenance fluids adjacent to diesel ASTs – looking north.

---

Project Name	Phase One ESA - Ninth Line, Mississauga
Project No.	300044049.1000
Date	October 2, 2019





**Photo 27: Visible oil sheen on soil surface just west of diesel ASTs.**



**Photo 28: Visible oil sheen on soil surface near entrance at southwest side of Phase One Property.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 29: Storage of hydraulic oils and vehicle maintenance fluids on south side of Phase One Property – looking west.**



**Photo 30: Empty fibreglass AST on top of fill pile on south side of Phase One Property – looking north.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 31: Fill/debris pile containing tires, wood, and empty fibreglass AST – looking north.**



**Photo 32: Empty fibreglass AST and used tires on top of fill pile on south side of Phase One Property – looking south.**

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<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 33: Fill and debris on south side of Phase One Property – looking north.**



**Photo 34: Debris (including fuel containers) within/underneath fill on south side of Phase One Property – looking north.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 35: Debris (concrete/rubble, oil containers, tires) on south side of Phase One Property near entrance – looking south.**



**Photo 36: Fill and debris on south side of Phase One Property near entrance – looking west.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 37: Fill and debris on south side of Phase One Property near entrance – looking south.**



**Photo 38: Piles of debris – wood (barn beams) and concrete on the east central side of the Phase One Property – looking south along the east property boundary.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 39: Debris on south side of the Phase One Property (wood, tires, vehicle parts, etc.) – looking northwest.**



**Photo 40: Debris on south side of the Phase One Property (wood, tires, etc.) – looking north.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019





**Photo 41: Overhead hydro lines on west side of Phase One Property along Ninth Line – looking south.**



**Photo 42: Underground telephone cable pole on west side of Phase One Property along Ninth Line – looking east.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	October 2, 2019



**Photo 1: Entrance to Phase One Property – looking west toward Ninth Line.**



**Photo 2: South side of Phase One Property, currently occupied by tree removal company (tenant) – looking east.**

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<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	March 24, 2020





**Photo 3: View of east side of Phase One Property, showing woodshed, wood piles and berm along east side of property – looking northeast.**



**Photo 4: View of woodshed on southeast side of Phase One Property. Two aboveground fuel storage tanks that were previous on the north side of the shed have been removed – looking east.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	March 24, 2020





**Photo 5: View of area formerly containing two aboveground fuel storage tanks on the Phase One Property where a monitoring well now stands – looking north from the woodshed entrance.**



**Photo 6: View of equipment south of woodshed on the Phase One Property – looking east.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	March 24, 2020





**Photo 7: View of equipment storage south of woodshed on the Phase One Property – looking east.**



**Photo 8: View of vehicle storage and debris on the south side of the Phase One Property – looking north.**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	March 24, 2020





**Photo 9: View of debris/refuse storage on the south side of the Phase One Property – looking north, showing the adjacent property to the north in the background (Access Storage).**



**Photo 10: View of heavy equipment and vehicle storage on south side of Phase One Property – looking north, showing adjacent property to the north in the background (Access Storage).**

---

<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	March 24, 2020





**Photo 11: View of wood piles on the southeast side of Phase One Property – looking south, showing fibreglass AST just south of wood piles.**



**Photo 12: View along south property boundary of Phase One Property showing debris and fibreglass AST, noted by Moheb Michael to be across the property boundary – looking east.**

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<b>Project Name</b>	Phase One ESA - Ninth Line, Mississauga
<b>Project No.</b>	300044049.1000
<b>Date</b>	March 24, 2020