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Appendix K

Phase One Environmental Site Assessment Report



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**Sheridan Park Drive Extension
Municipal Class EA**

**Phase One Environmental Site
Assessment**

City of Mississauga

**R.J. Burnside & Associates Limited
6990 Creditview Road, Unit 2
Mississauga ON L5N 8R9 CANADA**

**December 2017
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Executive Summary

The City of Mississauga (City) has undertaken a Municipal Class Environmental Assessment (EA) to investigate the proposed extension of Sheridan Park Drive between Homelands Drive and Speakman Drive in the southwestern area of Mississauga. This Phase One Environmental Site Assessment (ESA) for the extension of Sheridan Park Drive (the "Site") was completed as part of the EA Study.

Sheridan Park Drive currently terminates west of Speakman Drive and the proposed extension will see the road continue to Winston Churchill Boulevard. The Site is currently vacant.

The Phase One ESA was completed in accordance with the requirements of Ontario Regulation (O. Reg.) 153/04, as amended, with the exception of a historical title search, as a Record of Site Condition (RSC) is not required at this stage. Figure 1 shows the Site location and Figure 2 shows the Site boundary and Study Area (250 m buffer around Site).

The findings of the Phase One ESA are as follows:

- Historical mapping indicates first developed use of the Site was agricultural in 1880;
- Historical mapping, aerial photographs and satellite images show property use of the Site was Agricultural or Other Use from 1880 to 1960. By 1970, the ends of the Site were developed into roads, defined as Community Use in O. Reg. 153/04. The recent Site visit confirmed that between the road ends, the Site is grass covered land with shrubs and trees (Agricultural or Other Use);
- Piles of debris were observed on the Site, consisting primarily of brush and concrete;
- There were no underground storage tanks (USTs) or aboveground storage tanks (ASTs) identified at the Site, currently or historically;
- There were no Potentially Contaminating Activities (PCAs) identified on the Site; and
- The records review, interview and Site visit indicate there are no Areas of Potential Environmental Concern (APECs) on the Site.

A Phase Two ESA is not required.

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1.0 Introduction

The City of Mississauga (City) has undertaken a Municipal Class Environmental Assessment (EA) to investigate the proposed extension of Sheridan Park Drive between Homelands Drive and Speakman Drive in the southwestern area of Mississauga. R.J. Burnside & Associates Limited (Burnside) has facilitated the EA on behalf of the City.

The Study has followed a comprehensive planning and design process in order to explore the opportunity to connect the east and west sections of Sheridan Park Drive, improve the road network connectivity in the residential neighborhood and business area, create options for alternative routes and improve multi-modal network connectivity. The Study has been completed in accordance with the requirements of a Schedule B Undertaking as outlined in the Municipal Engineers Association Municipal Class Environmental Assessment Document (October 2000, as amended 2007, 2011 & 2015), which is an approved process under the *Ontario Environmental Assessment Act*.

As part of the EA Study, Burnside has completed a Phase One Environmental Site Assessment (ESA) for the extension of Sheridan Park Drive (the "Site").

Sheridan Park Drive currently terminates west of Speakman Drive and the proposed extension will see the road continue to Winston Churchill Boulevard. The Site is currently vacant. The Phase One ESA was completed in general accordance with the requirements of Ontario Regulation (O. Reg.) 153/04, as amended. Figure 1 shows the Site location. Figure 2 shows the Site and Study Area (250 m buffer around Site).

1.1 Phase One Property Information

A Title search was not completed as the property is owned and has been owned for a period of time by the Regional Municipality of Peel. There is no municipal address associated with the Site. Information from mapping indicates the Site is situated on:

- Part Lots 32, Lot 33, Lot 34, Lot 35, Concession 1 South of Dundas Street, Toronto Township, Mississauga.

1.2 Client Contact Information

Client contact information for this project is as follows:

Ms. Dana Glofcheskie, P.Eng.
Transportation Engineer
City of Mississauga
201 City Centre Drive, Suite 800
Mississauga, ON L5B 2T4

2.0 Scope of Work

The Phase One ESA was completed in accordance with the requirements of O. Reg. 153/04, as amended.

The scope of work included:

- A records review of the Site and surrounding lands in the Study Area;
- Interviews with individuals familiar with the Site;
- A Site visit; and
- Preparation of a Phase One ESA Report.

The following information was used to evaluate past and/or current practices on the Site:

- Aerial photographs and satellite images;
- Geological maps, topographical maps and historical maps;
- Insurance Advisory Mapping (fire insurance maps);
- Municipal records and directories;
- Environmental Risk Information Services (ERIS) database search results;
- Technical Standards & Safety Authority (TSSA) record search results;
- Ministry of the Environment and Climate Change (MOECC) Freedom of Information (FOI) spill records;
- Region of Peel spill record; and
- Land Registry Information.

A historical title search was not conducted as a Record of Site Condition (RSC) is not required at this stage.

A Site visit was conducted to observe current environmental conditions and to assess:

- Existing and previously existing aboveground storage tanks (ASTs) and underground storage tanks (USTs);
- Evidence of fill material importation;
- Chemical storage and handling;
- Housekeeping and waste disposal practises;
- Infrastructure and servicing;
- Site drainage and topography; and
- Surrounding land uses.

Burnside understands that the scope of work at this stage does not require a RSC.

3.0 Records Review

3.1 General

3.1.1 Phase One Study Area

The Study Area for the Phase One ESA included the land referred to as the Site, as well as surrounding lands located within 250 m of the Site boundary. The surrounding properties were visually examined from the Site and public property. In addition, an archive search of the Study Area was completed.

3.1.2 First Developed Use

A historical map of Peel County (Figure 3) indicates property use of the Site was agricultural in 1880. First developed use of the Site is considered to be 1880.

3.1.3 Chain of Title

A Title search was not completed as the property is owned and has been owned for a significant period of time by the Regional Municipality of Peel.

3.1.4 Fire Insurance Maps

Fire Insurance maps were not available for the Study Area.

3.1.5 City Directory

A City Directory search was not ordered because the property does not have a municipal address and has been vacant land since the 1800s.

3.1.6 Land Registry Information

Land Registry Information confirmed the location of spills associated with the Union Gas property (PIN 13426-0513) situated on the east side of Winston Churchill Boulevard. The Union Gas property is a 786.87 m² parcel approximately 70 m north of the Site boundary.

3.2 Environmental Source Information

3.2.1 ERIS Database Search

A review of selected environmental databases was conducted through Environmental Risk Information Services (ERIS) for the Study Area, defined as the Site plus a primary search radius of approximately 250 m from the boundary of the Site.

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The following databases were included in the ERIS search:

- Abandoned Aggregate Inventory;
- Certificates of Approval;
- Commercial Fuel Oil Tanks;
- Environmental Compliance Approval;
- Fuel Storage Tank;
- Fuel Storage Tank – Historic;
- Inventory of Coal Gasification Plants and Coal Tar Sites;
- Inventory of PCB Storage Sites;
- List of TSSA Expired Facilities;
- Ontario Regulation 347 Waste Generators Summary;
- Ontario Regulation 347 Waste Receivers Summary;
- Ontario Spills;
- Pesticide Register;
- Private and Retail Fuel Storage Tanks;
- Record of Site Condition;
- TSSA Historic Incidents;
- TSSA Incidents;
- TSSA Pipeline Incidents;
- TSSA Variances for Abandonment of Underground Storage Tanks;
- Waste Disposal Sites – MOECC 1991 Historical Approval Inventory;
- Anderson's Waste Disposal Sites;
- ERIS Historical Searches; and
- Retail Fuel Storage Tanks.

A total of 36 records were identified in the Study Area. Details are provided in the following sections. The ERIS report is provided in Appendix A.

3.2.1.1 Certificates of Approval (CA)

There were 4 records identified in the Certificates of Approval (CA) database associated with environmental approvals for R.M of Peel, Steel Tech Limited, 2748355 Canada Inc. and the Ontario Ministry of the Environment. These records are not an environmental concern to the Site.

3.2.1.2 ERIS Historical Searches (EHS)

There were 6 records identified in the ERIS Historical Searches database associated with environmental risk reports and document searches for properties in the Study Area. These reports are not an environmental concern to the Site.

3.2.1.3 Ontario Regulation 347 Waste Generators Summary (GEN)

There were 19 records identified in the Waste Generators Summary database associated with the following:

- 2 records associated with Enersource Hydro Mississauga located at 2340 Sheridan Park Drive, 22.1 m southeast of the Site. The type of waste is not specified.
- 2 records associated with Hatch Ltd., located at 2800 Speakman Drive, 126 m southwest of the Site. Wastes generated are inorganic laboratory chemicals and waste crankcase oils and lubricants.
- 8 records associated with Mississauga – Oakville Veterinary Emergency Hospital located at 2285 Bristol Circle, 144 m southwest of the Site. Wastes generated are pharmaceuticals, aliphatic solvents and residues and pathological wastes.
- 5 records associated with Candu Energy Inc. located at 2233 Speakman Drive, 165 m southeast of the Site. Wastes generated are petroleum distillates, inorganic laboratory chemicals, light fuels, alkaline wastes, PCBs, aliphatic solvents, paint / pigment / coating residues, pathological wastes, wastes oils and lubricants, pharmaceuticals, phosphates, waste compressed gases, oil skimming and sludges, emulsified oils, halogenated solvents, organic laboratory chemicals, miscellaneous wastes and inorganic chemicals, organic non-halogenated pesticide and herbicide wastes and other polymeric wastes.
- 2 records associated with Peel District School Board located at 2420 Homelands Drive, 189 m north of the Site. Wastes generated are light fuels (Waste Code 221).

Based on the inferred direction of groundwater flow (southeast), the Peel District School Board is the only GEN record located upgradient from the Site. There were no bulk fuel storage records or fuel spills of concern associated with light fuels (Waste Code 221) at the school. There were no significant environmental concerns associated with the Site in the review of GEN records.

3.2.1.4 TSSA Pipeline Incidents (PINC)

There was 1 report identified in the TSSA Pipeline Incidents database associated with a natural gas pipeline hit at 2420 Homelands Drive. The incident occurred in March 2017. Natural gas is expected dissipate into the air and therefore this record is not an environmental concern to the Site.

3.2.1.5 Ontario Spills (SPL)

There were 6 records in the Ontario Spills (SPL) database associated with the following:

- 1 record associated with The Corporation of the City of Mississauga located at Speakman Drive and Sheridan Park Drive, 7.6 m north of the Site. The spill was caused by a broken watermain in 2010, releasing chlorinated water into the sewer. This incident is not considered to be an environmental concern to the Site.

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- 1 record occurred 9 m north of the Site near Winston Churchill Boulevard. 25 m³ of slurry was dumped onto the land in January 2015. This record is not an environmental concern to the Site.
- 2 records associated with The Regional Municipality of Peel located at 2420 Homelands Drive, 189 m north of the Site. One record was associated with a leak / break in 2014 releasing potable water / sediment to Sheridan Creek. There was a confirmed environmental impact to the surface water. Since the water came from the drinking water supply, this record is unlikely to be an environmental concern to the Site. The second record was associated with a leak / break releasing natural gas to the air. Natural gas is expected to dissipate into the air and therefore this record is not an environmental concern to the Site.
- 2 records associated with Union Gas Ltd. located at 2345 Winston Churchill Boulevard, 122 m northwest of the Site. One record reported "205 L petroleum oil found while cleaning up under-ground line" in 1992, noting the source is unknown. There was a confirmed environmental impact to the land. The second record was associated with an intentional hose leak releasing 900 L of water with possible traces of natural gas. Natural gas is expected to dissipate into the air and therefore this record is not an environmental concern to the Site. The actual location of these spill are not clear, other than they occurred on the Union Gas property north of the Site. Additional information received from the MOECC FOI confirmed that in both cases, contaminated soil was removed from the Union Gas property. In both cases, the MOECC noted "File Closed" indicating no further action was required. These spill incidents are not considered to be a significant environmental concern to the Site.

3.2.1.6 Unplottable Records

There were a total of 40 unplottable records associated with the following:

3.2.1.7 Certificates of Approval (CA)

There were 28 records identified in the Certificates of Approval (CA) database associated with environmental approvals. These records are not an environmental concern to the Site.

3.2.1.8 Environmental Compliance Approval (ECA)

There were 2 records identified in the Environmental Compliance Approval (ECA) database. These records are not an environmental concern to the Site.

3.2.1.9 ERIS Historical Searches (EHS)

There was 1 record identified in the ERIS Historical Searches database associated with environmental risk reports and document searches for properties in the Study Area. This report is not an environmental concern to the Site.

3.2.1.10 Ontario Regulation 347 Waste Generators Summary (GEN)

There was 1 record identified in the Waste Generators Summary database associated with Enbridge Gas Distributions Inc. The wastes generated are oil skimmings and sludges. This record is not within the Study Area and therefore is not a concern to the Site.

3.2.1.11 Ontario Spills (SPL)

There were 8 records listed in the Ontario Spills (SPL) database were associated with spills that occurred outside of the Study Area and therefore are not an environmental concern to the Site.

3.2.1.12 Summary

There were no significant environmental concerns associated with the Site identified in the review of the ERIS report.

3.2.2 Regulatory Agencies

3.2.2.1 Ministry of the Environment and Climate Change

The Ministry of the Environment and Climate Change (MOECC) Freedom of Information and Protection of Privacy Office (FOI) was not contacted to obtain information regarding Orders, Spills, Investigations / Prosecutions, Certificates of Approval, environmental concerns, correspondence, occurrence reports or abatement for the Site because the property does not have a municipal address.

A request was submitted to the MOECC FOI to obtain details regarding spill records associated with the Union Gas Ltd. property located north of the Site at 2345 Winston Churchill Boulevard. The MOECC FOI provided two Occurrence Reports describing the two spill incidents that occurred in 1992. Details regarding the first spill incident (occurrence date August 21, 1992) indicate contaminated soil was removed from the Union Gas property and disposed of at a landfill. Details regarding the second spill incident (occurrence date August 26, 1992) note a 6 inch layer of soil would be excavated and replaced with clean fill and sod. In both cases, the MOECC noted "File Closed" indicating no further action was required. These spill incidents are not considered to be a significant environmental concern to the Site. Correspondence and Occurrence Reports received from the MOECC FOI are provided in Appendix B.

3.2.2.2 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) Fuel Safety Branch was contacted to search for records associated with 2345 Winston Churchill Boulevard, a property north of the Site where two spill records were identified. The TSSA stated "We

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have no record in our database of any fuel storage tanks at the subject address". The Site was not included in the TSSA search because the Site does not have a municipal address. The ERIS database search included searching several TSSA databases for records within the Study Area. A TSSA Pipeline Incident described a natural gas pipeline hit that occurred during an excavation at 2420 Homelands Drive, Mississauga. This incident is not considered to be a significant environmental concern to the Site. Correspondence from the TSSA is provided in Appendix C.

3.2.3 Region of Peel

A request for a search of spill reports and waste disposal sites in the vicinity of the Site was submitted to the Region of Peel.

The Region of Peel provided a spill report dated 1994, documenting the discovery of a significant amount of oil-based paint in a storm outfall and sewer pipe at Sheridan Park Drive and Homelands Drive. The City of Mississauga hired Philip Environmental to remove the paint from the outfalls. The report notes that restoration was not required. This incident is not considered to be a significant environmental concern to the Site.

There were no records found which indicate the existence of a municipal waste disposal site or hazardous wastes on the Site or in the vicinity of the Study Area.

Correspondence and the Spill Report received from the Region of Peel are provided in Appendix D.

3.2.4 Aerial Photographs

A review of historical aerial photographs and satellite images from 1934 to 2016, covering a period of 82 years, were examined to assess development patterns on the Site and surrounding area. While the resolution of the images limits observation of the surface conditions, the following provides a summary of our interpretation.

1934 Aerial Photograph – Figure 7

The resolution of the 1934 aerial photograph is fairly clear and shows that the Site and surrounding areas are mainly agricultural with some patches of forests. There are very few houses shown in this photograph. Sheridan Park Drive has not yet been constructed. Dundas Street West is north of the Site and Winston Churchill Boulevard is west of the Site.

1960 Aerial Photograph – Figure 8

The resolution of the 1960 aerial photograph is fairly clear and shows that the Site no longer appears to be used for agricultural purposes. It has remained vacant with some forested areas. The majority of the surrounding area has remained agricultural; however

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there are some residential developments north and east of the Site. The Queen Elizabeth Way has been constructed south of the Site.

1970 Aerial Photograph – Figure 9

The resolution of the 1970 aerial photograph is fairly clear and shows that Sheridan Park Drive has been constructed adjacent to the northeast corner of the Site. The Site has remained vacant with some forested areas. Most of the land north and east of the Site is now residential. South of the Site appears to be commercial.

1978 Aerial Photograph – Figure 10

The resolution of the 1978 aerial photograph is fairly clear and shows that the Site and the surrounding area have remained the same as seen in the 1970 aerial photograph.

1988 Aerial Photograph – Figure 11

The resolution of the 1988 aerial photograph is fairly clear and shows that the Site has remained constant since the 1960 aerial photograph. West of the Site (previously agricultural) has been partly developed for commercial use. The majority of the surrounding area has remained the same since 1970, although the density of development has increased.

2004 Aerial Photograph – Figure 12

The resolution of the 2004 aerial photograph is fairly clear and shows the Site has remained constant since the 1960 aerial photograph. West of the Site is now completely developed for commercial / industrial use. The majority of the surrounding area has remained the same since the 1988 aerial photograph.

Summary

The review of aerial photographs show the Site was used for agricultural purposes until 1960. At this time, development surrounding the Site increased. Sheridan Park Drive was constructed sometime between 1960 and 1970. The Site has remained vacant since the 1880 historical county map.

3.2.5 Topography, Hydrology, Geology

The topography of the Site and surrounding area is fairly flat. Elevation of the Site is approximately 145 m above sea level (asl). The inferred direction of groundwater flow is southeast towards Sheridan Creek.

The Site is within the Lake Ontario Shoreline West Subwatershed, part of Credit Valley Watershed, which drains south toward Lake Ontario.

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A review of available mapping by the Ontario Geological Survey was undertaken to characterize the general surficial and bedrock geology of the area. Surficial geology of the Site is mostly described as glaciolacustrine – derived silty to clayey till. The southwest corner of the Site is Paleozoic bedrock. Bedrock is described as shale, limestone, dolostone and siltstone. The Site is part of the Queenston, Georgian Bay, Blue Mountain, Billings, Collingwood and Eastview formations.

3.2.6 Water Bodies and Areas of Natural Significance

There are no water bodies on the Site. The Sheridan Creek is approximately 400 m south of the Site.

The Site is within the Lake Ontario Shoreline West Subwatershed, part of Credit Valley Watershed, which drains south toward Lake Ontario.

Various databases and documents were reviewed to determine if the Site is in an Area of Natural Significance, defined as any of the following:

1. An area reserved or set apart as a provincial park or conservation reserve under the *Provincial Parks and Conservation Reserves Act, 2006*.
2. An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources as having provincial significance.
3. A wetland identified by the Ministry of Natural Resources as having provincial significance.
4. An area designated by a municipality in its official plan as environmentally significant, however expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant.
5. An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the *Niagara Escarpment Planning and Development Act*.
6. An area identified by the Ministry of Natural Resources as significant habitat of a threatened or endangered species.
7. An area which is habitat of a species that is classified under Section 7 of the *Endangered Species Act, 2007* as a threatened or endangered species.
8. Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the *Oak Ridges Moraine Conservation Act, 2001* applies.
9. An area set apart as a wilderness area under the *Wilderness Areas Act*.

There are no Areas of Natural Significance associated with the Site.

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4.0 Interviews

Interview questions were provided to Katrina MacDonald at the City of Mississauga. Katrina MacDonald provided responses to the interview questions by email on November 3, 2017 (Appendix E). Contact information for Katrina is as follows:

Katrina MacDonald, P.Eng.
Environmental Coordinator, Site Assessments
T 905-615-3200 ext.3165
katrina.macdonald@mississauga.ca

Katrina has been with the City of Mississauga for 14 months. Katrina indicated that the City of Mississauga had conducted a review of their available records and there were no violations of the Storm Sewer By-Law No. 259-05.

There were no Potentially Contaminating Activities (PCAs) or Areas of Potential Environmental Concern (APECs) identified from the interview.

5.0 Site Visit

A Site visit was conducted on June 16, 2017 by David Marks of Burnside. The weather was sunny and warm (24°C) with blue sky and light cloud cover.

A visual inspection of the Site and surrounding area was completed to observe and document current environmental conditions.

A visual assessment of adjacent properties and surrounding land use was completed from publicly accessible areas.

Photographs from the Site visit are presented in Appendix F.

5.1 Specific Observations at the Phase One Property

The Site is a long, narrow, rectangular shaped parcel of vacant land extending west from Homelands Drive and Sheridan Park Drive to Winston Churchill Boulevard. Metal barriers are at the paved road ends at the west end and east end of the Site.

Vacant grass and shrub covered land extends between the road ends. A paved walking trail within a utility corridor is north of the Site. Small piles of construction debris (bricks and concrete rubble) have been dumped on the Site.

A residential subdivision is north of the utility corridor. In general, grass and tree covered land is adjacent to the south boundary of the Site. Commercial / industrial properties are southwest, northwest, northeast, southeast, south and east of the Site.

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5.1.1 Fill Materials

There were no significant quantities of fill material identified at the Site. There were small piles of brush and construction debris (bricks and concrete rubble) dumped in various locations on the Site.

There were no significant environmental concerns associated with the debris observed on the Site.

5.1.2 Water Sources

There are no water wells on the Site. The area is serviced by a municipal water supply.

5.1.3 Sewage Systems

The area is serviced by municipal sanitary sewers and storm sewers.

5.1.4 Buildings and Structures

There are no buildings on the Site. Metal barriers are at the paved road ends at the west end and east end of the Site. A paved walking trail and pole mounted power lines are on the utility corridor north of the Site.

5.1.5 Chemical Storage and Tanks

There are currently no ASTs or USTs located on the Site and there were no ASTs or USTs identified at the Site in the records review.

5.1.6 Designated Substances and Other Potentially Hazardous Materials

There were no environmental concerns relating to designated substances or other hazardous materials identified during the Site visit.

5.1.7 Vegetation Distress and Staining

There were small piles of brush and construction debris (bricks and concrete rubble) that have been dumped on the grass on the Site, next to the paved asphalt walking trail. There was no evidence of vegetation distress or staining.

5.1.8 Housekeeping

There were small piles of brush and construction debris (bricks and concrete rubble) that have been dumped on the grass on the Site, next to the paved asphalt walking trail. There were no significant environmental concerns relating to litter or housekeeping.

5.1.9 Adjacent Property Use

Adjacent property use surrounding the Site is Commercial, Industrial and Residential. Commercial and industrial buildings are northeast, east, southeast, south, northwest and southwest of the Site and utility corridor north of the Site. Residential dwellings are in subdivisions west, northwest, north and northeast of the Site. A school (Institutional) is in the residential subdivision northwest of the Site.

A visual assessment of properties adjacent to the Site was completed from publicly accessible areas. There was no evidence of significant contamination at adjacent properties.

5.1.10 Written Description of Investigation

The Phase One ESA was completed in accordance with O. Reg. 153/04, as amended. The work included:

- A records review of the Site and surrounding lands in the Study Area;
- Interviews with individuals familiar with the Site; and
- A Site visit and visual assessment of the property and surrounding property uses.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Historical mapping and aerial photographs indicate the property use of the Site was Agricultural or Other Use in 1880 until the 1960s. By 1970, the ends of the Site were developed into roads (Community Use). The recent Site visit confirmed that between the road ends, the Site is grass covered land with shrubs and trees (Agricultural or Other Use). Table 1 notes the observations from mapping and aerial photographs of the Site.

Table 1: Property Uses of the Site

Years	Property Use	Resources
1880 to present	Agricultural or Other Use	Historical map of Peel County indicates agricultural use of the Site in 1880 (Figure 3). Aerial photographs dated 1934 (Figure 7) and 1960 (Figure 8) show the Site appears to be cultivated agricultural fields and forested areas. Aerial photographs dated 1970 to 2016 (Figures 9 to 13 and Figure 2) show the central area of the Site is grass covered land with shrubs and trees.
1970 to present	Community Use	Aerial photographs dated 1970 to 2016 (Figures 9 to 13 and Figure 2) show the ends of

Years	Property Use	Resources
		the Site were developed into roads (Community Use).

6.2 Potential 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 the Phase One ESA Study Area.

6.2.1 On-Site Potentially Contaminating Activities (PCA)

There were no on-Site PCAs identified on the Site.

6.2.2 Off-Site Potentially Contaminating Activities (PCA)

There were no off-Site PCAs identified in the Study Area.

6.3 Areas of Potential Environmental Concern

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

Historical mapping, aerial photographs, records, spill incidents, property use activities, information from interviews and Site observations are evaluated in order to identify any significant environmental concerns. The records review, interview and Site visit indicate there are no APECs on the Site.

6.4 Contaminants of Potential Concern

There were no contaminants of potential concern identified on the Site.

6.5 Phase One Conceptual Site Model

The Conceptual Site Model (Figure 13) identifies the Site boundary, adjacent property use, the Union Gas property, the inferred direction of groundwater flow and roads. The uncertainty or absence of information of each of the Phase One components could affect the validity of the model.

7.0 Conclusions

The findings of the Phase One ESA are as follows:

- Historical mapping indicates first developed use of the Site was agricultural in 1880;
- Historical mapping, aerial photographs and satellite images show property use of the Site was Agricultural or Other Use from 1880 to 1960. By 1970, the ends of the Site were developed into roads, defined as Community Use in O. Reg. 153/04. The recent Site visit confirmed that between the road ends, the Site is grass covered land with shrubs and trees (Agricultural or Other Use) ;
- Piles of debris were observed on the Site, consisting primarily of brush and concrete;
- There were no USTs or ASTs identified at the Site, currently or historically;
- There were no PCAs identified on the Site; and
- The records review, interview and Site visit indicate there are no APECs on the Site.

A Phase Two ESA is not required.

Sheridan Park Drive Extension Municipal Class EA
December 2017

8.0 Qualifications of Assessors

The following staff conducted the work presented herein:

Laura DeCoste, B.Sc.

Laura DeCoste is an Environmental Scientist with experience in environmental investigations, sample collection and research. Ms. DeCoste has studied geology, hydrology and sedimentology, and has a sound understanding of the requirements of CSA Standard Z768-01 and O. Reg. 153/04 for conducting Phase One Environmental Site Assessments. For this project, Laura conducted research, the records review and contributed to report preparation.

David Marks, P.Geo., QP_{ESA}

David Marks is a Senior Hydrogeologist and Project Manager with R.J. Burnside & Associates Limited. He has accumulated almost 30 years of experience in the engineering consulting industry. He is a Licensed Professional Geoscientist (#0354) with the Association of Professional Geoscientists of Ontario (APGO) and is a Qualified Person (QP) as per O. Reg. 153/04. David's experience includes hydrogeological investigations, development impact analysis, site assessment, remediation, brownfield redevelopment, pollution prevention, compliance auditing, landfill assessment, groundwater supply assessment and land development permitting and approvals. For this project, David reviewed and evaluated the records and conducted the Site visit.

Kathleen E. Langstaff, B.Sc., P.Geo., QP_{ESA}

Kathleen Langstaff is a Licensed Professional Geoscientist with the APGO and has over 25 years of experience in environmental investigations. Ms. Langstaff has conducted numerous Phase One and Phase Two Environmental Site Assessments (ESA) at a variety of sites involving potentially contaminated soil and groundwater in urban and remote areas. Kathleen is a Qualified Person (QP) as per O. Reg. 153/04 and her project experience includes soil investigations, groundwater studies, drilling and test pit programs, tank removals, excavation of contaminated material and remediation. For this project, Kathleen reviewed the records, evaluated Site information, provided interview questions to the City of Mississauga, contributed to report preparation and 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.

9.0 Limitations and Use of Report

R.J. Burnside & Associates Limited confirms that it has completed a Phase One ESA at the Site, situated on Part Lot 32, Lot 33, Lot 34, Lot 35, Concession 1 South of Dundas Street, Toronto Township, Mississauga and Part Lot 1, Concession 1 South of Dundas Street, Trafalgar Township, Oakville, and has made the findings and conclusions provided herein.

The conclusions in this report are professional opinions based upon observations of the Site conditions existing at the time of our assessment. This report has been prepared in accordance with accepted environmental study and/or engineering practices for a Phase One Environmental Site Assessment in accordance with O. Reg. 153/04, as amended.

It should be noted that some of the information and resulting conclusions of a Phase One ESA are time sensitive. Burnside does not guarantee the accuracy and reliability of the information provided by other persons or agencies and does not claim responsibility for undisclosed or non-visible environmental concerns that may result in costs for environmental clean-up or remediation.

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

This report was prepared for the use of the City of Mississauga, and any financial institution, municipality or regulatory agency, to which the report is submitted by the addressee. Any use of, reliance on, or decisions based on this report by a third party are the responsibility of such third parties. Burnside accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. Reports or memoranda resulting from this assignment are not to be used, in whole or in part, outside the client's organization without prior written permission.

Sheridan Park Drive Extension Municipal Class EA
December 2017

10.0 References

Canadian County Atlas Digital Project Map Collection. Peel County. 1880.

Ontario Geological Survey 2010. 1:50,000 scale. Surficial Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release – Data 128 – Revised.

Ontario Geological Survey 2011. 1:250,000 scale. Bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release – Data 126 – Revision 1.

Ontario Regulation 153/04, Environmental Protection Act, 2004.

Ontario Regulation 511/09, Environmental Protection Act, 2009.

Ontario Regulation 269/11, Environmental Protection Act, 2011.

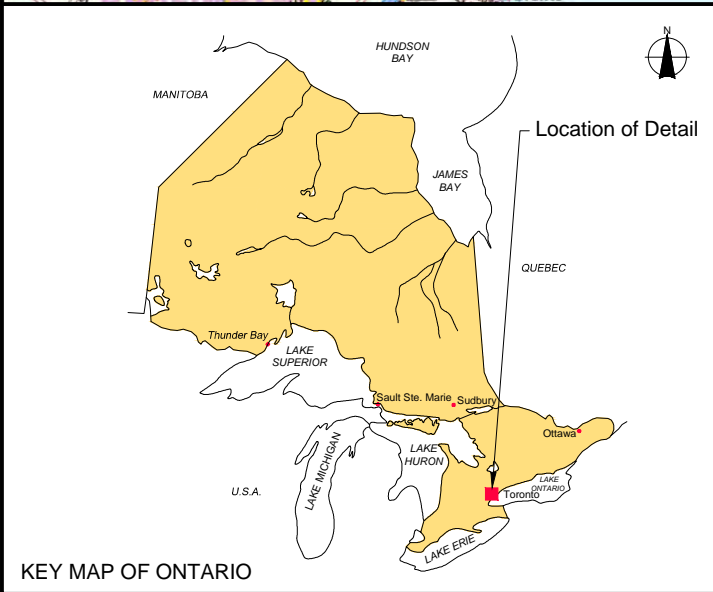
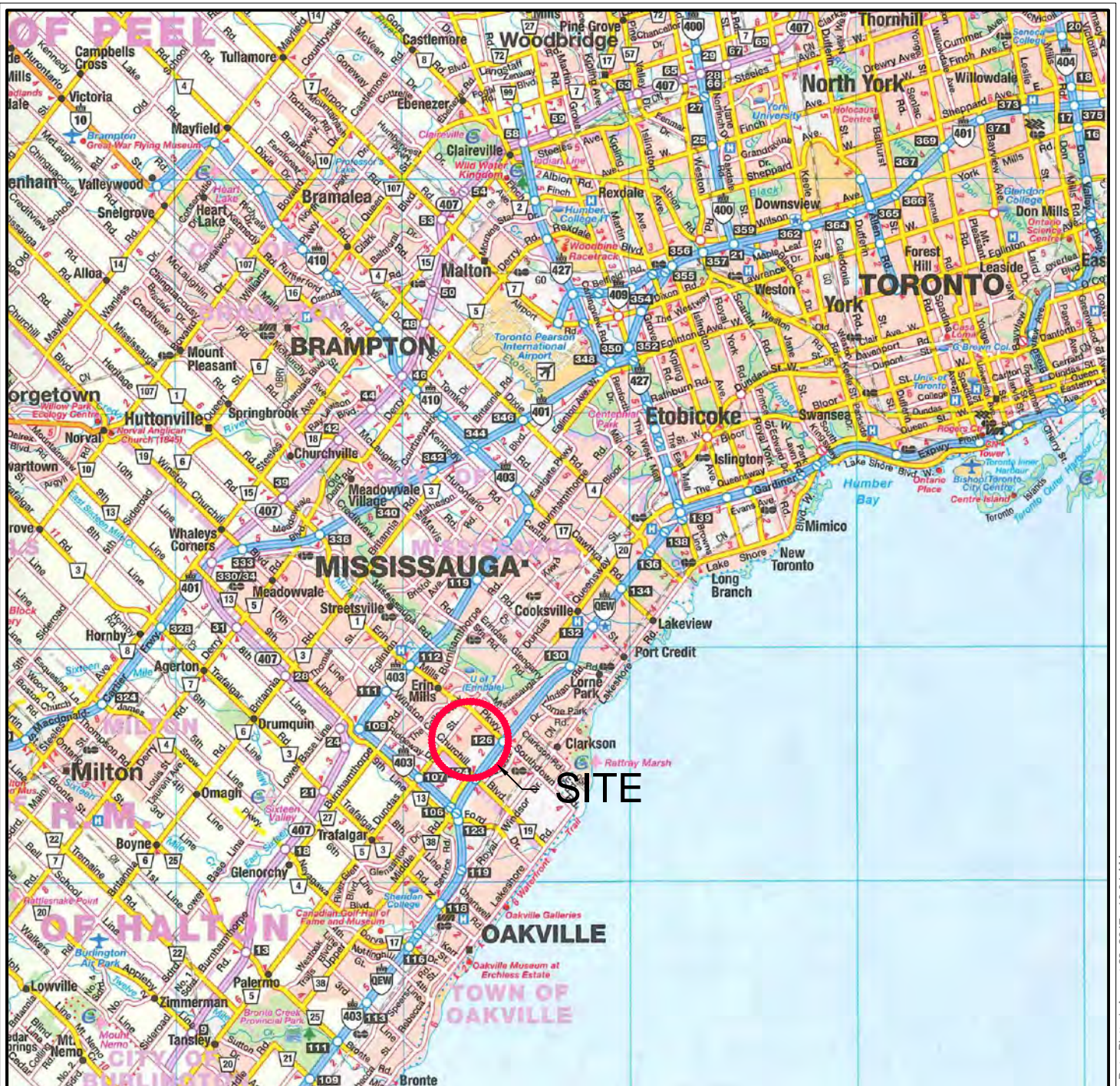



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Figures



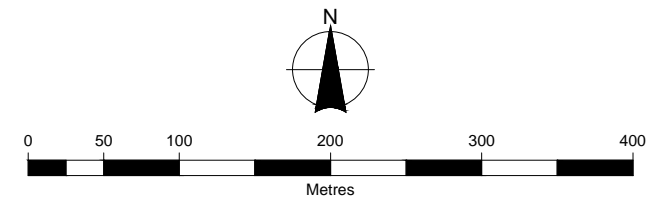
			
Client			
CITY OF MISSISSAUGA SHERIDAN PARK DRIVE EXTENSION			
Figure Title			
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT SITE LOCATION PLAN			
Drawn	Checked	Date	Figure No.
CD	DM	June 2017	1
Scale	Project No.		
N.T.S.	300039474		



LEGEND

- APPROXIMATE SITE BOUNDARY
- STUDY AREA

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Client
**CITY OF MISSISSAUGA
 SHERIDAN PARK DRIVE EXTENSION**

Figure Title
**PHASE ONE ENVIRONMENTAL SITE
 ASSESSMENT
 SITE PLAN**

Drawn CD	Checked DM	Date June 2017	Figure No. 2
Scale 1:7,500	Project No. 300039474		



LEGEND

— STUDY AREA

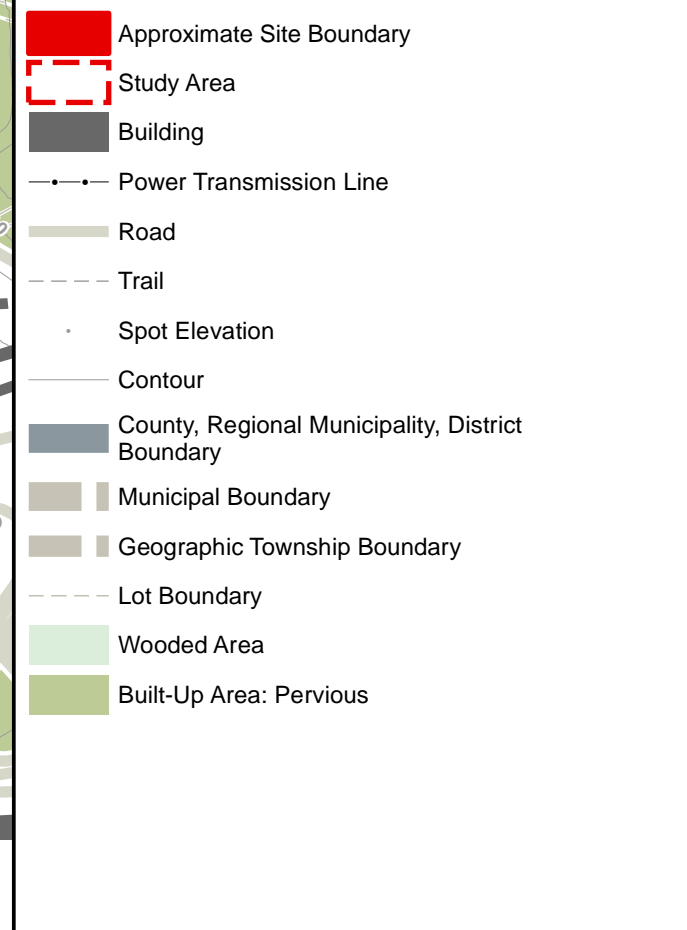
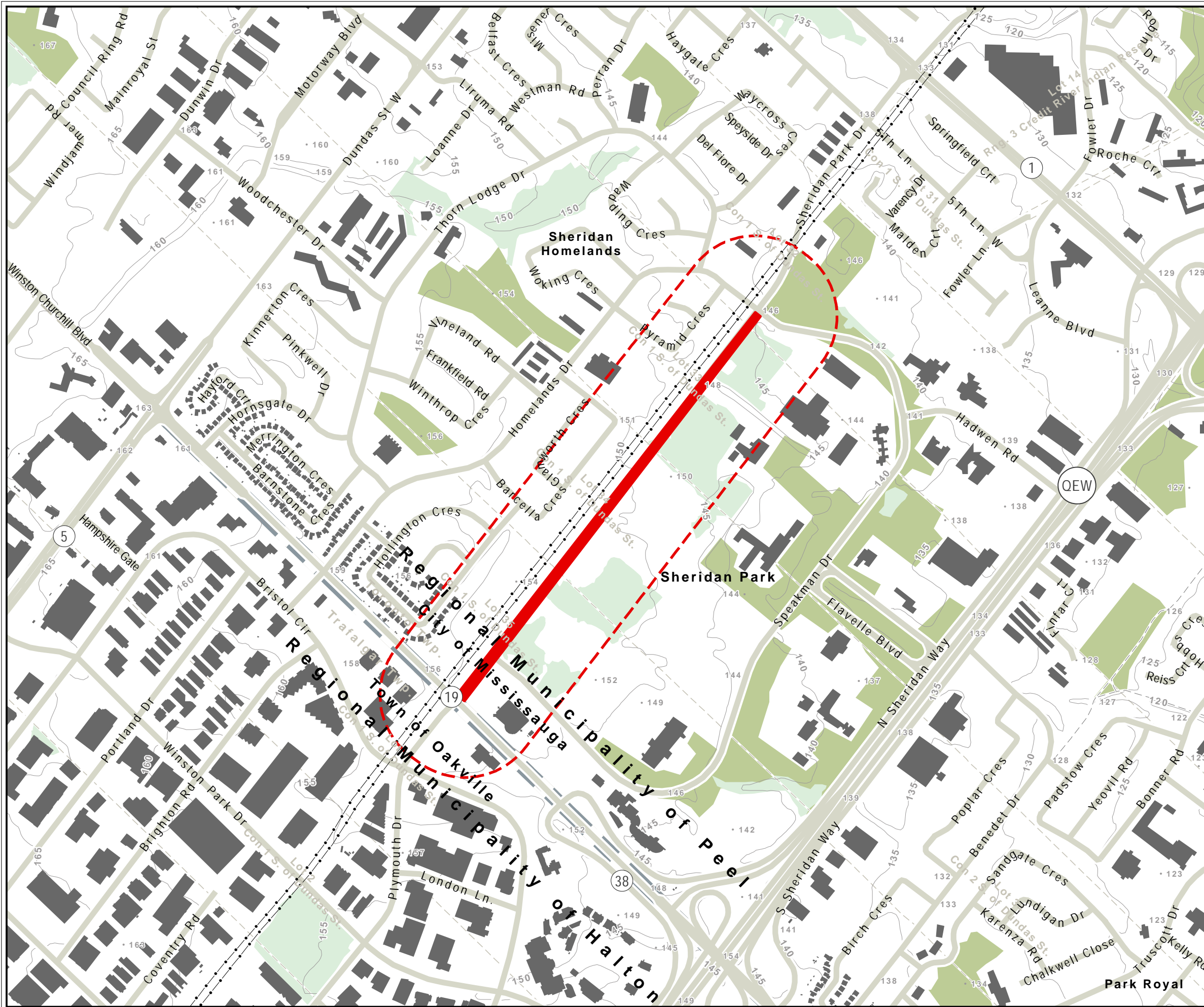
Source:
McGill University digital library, "The Canadian County Atlas Digital Project"
1880 Map of Ontario Counties



Client
**CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION**

Figure Title
**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT
1880 HISTORICAL COUNTY MAPPING**

Drawn CD	Checked DM	Date June 2017	Figure No. 3
Scale N.T.S.	Project No. 300039474		



Sources:

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

Datum: North American 1983 CSRS
 Coord. System: NAD 1983 CSRS UTM Zone

Grid North



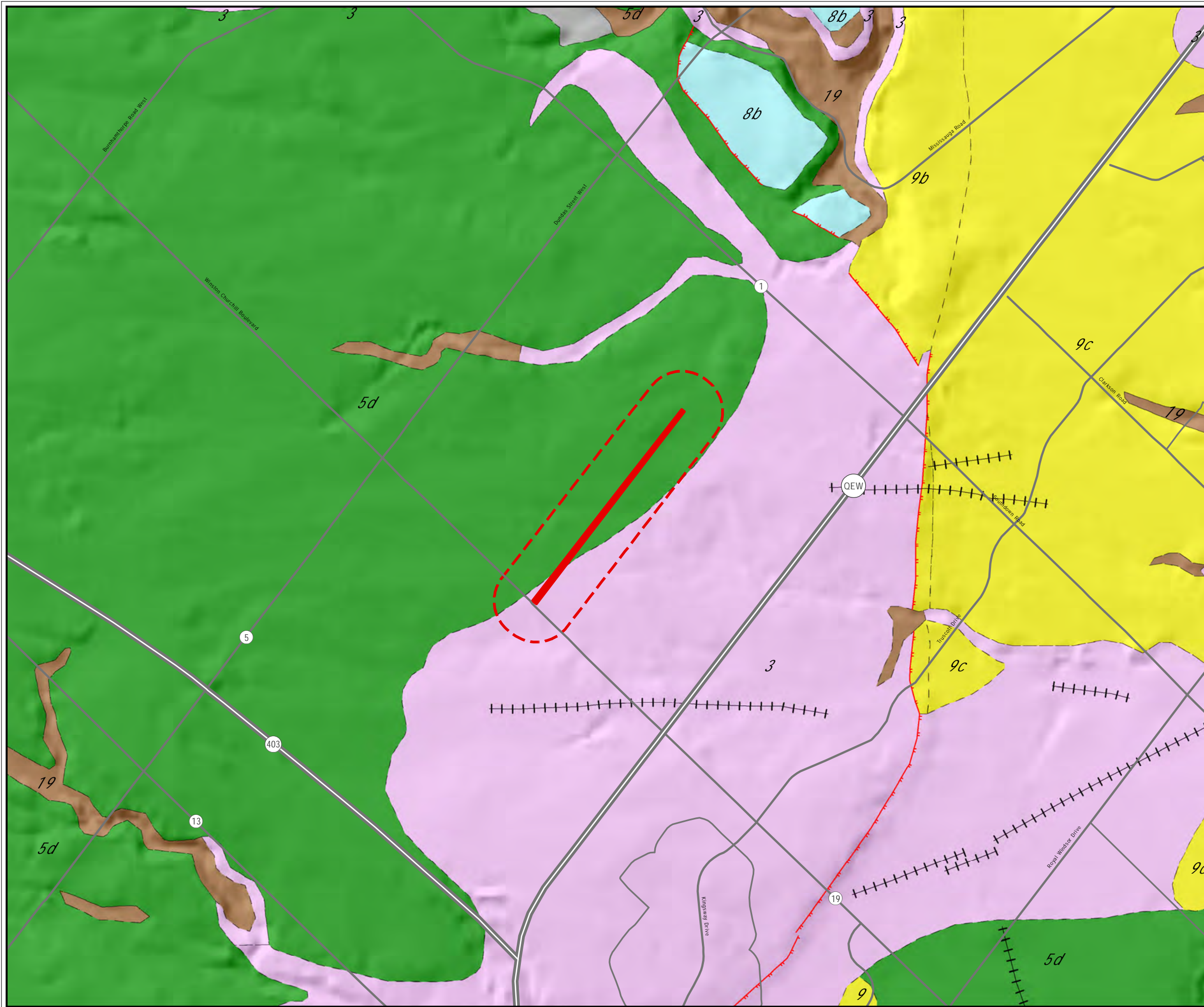
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**CITY OF MISSISSAUGA
 SHERIDAN PARK DRIVE**

Figure Title

**PHASE ONE ENVIRONMENTAL SITE
 ASSESSMENT
 TOPOGRAPHY AND DRAINAGE**

Drawn	Checked	Date	Figure No. 4
CD	DM	June 2017	
Scale	Project No.		
1:10,000		300039474	



LEGEND

- Approximate Site Boundary
- Study Area
- Freeway
- Arterial / Collector Road
- Local Road

Surficial Geology


- 3: Paleozoic bedrock
- 5d: Glaciolacustrine-derived silty to clayey till
- 8b: Fine-textured glaciolacustrine deposits: Interbedded flow till, rainout deposits and silt and clay
- 9: Coarse-textured glaciolacustrine deposits
- 9b: Coarse-textured glaciolacustrine deposits: Littoral-foreshore deposits
- 9c: Coarse-textured glaciolacustrine deposits: Foreshore-basinal deposits
- 12: Older alluvial deposits
- 19: Modern alluvial deposits
- 20: Organic deposits
- Bluff
- Bedrock Pressure Release Ridge

Sources:

1. Ministry of Natural Resources, © Queen's Printer for Ontario
2. Natural Resources Canada © Her Majesty the Queen in Right of Canada.
3. Ontario Geological Survey 2003. Surficial Geology of Southern Ontario: Ontario Geological Survey.

Datum: North American 1983 CSRS
 Coord. System: NAD 1983 CSRS UTM Zone 17N

0 250 500 750 1,000 1,250 1,500
 Metres



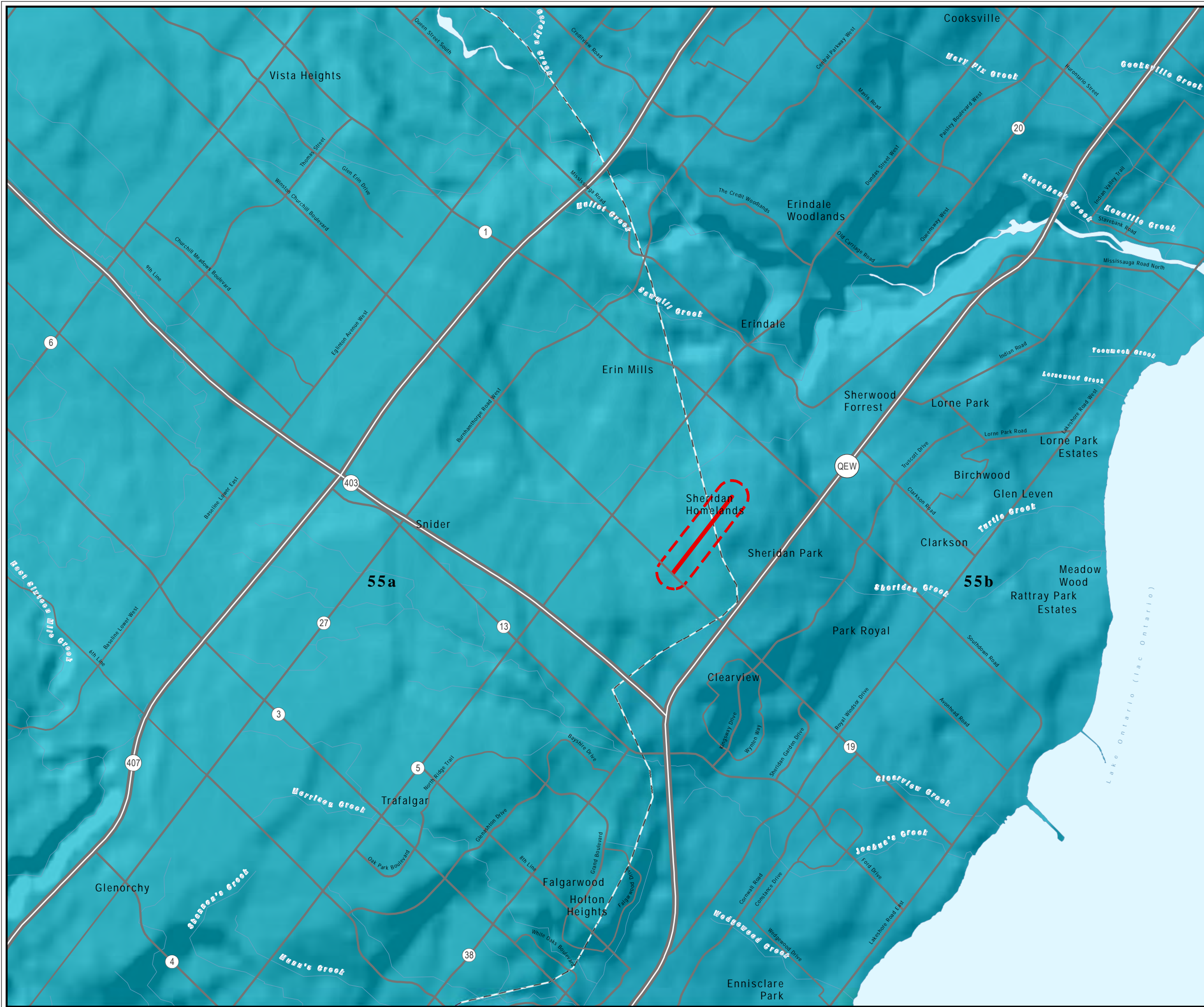
Client

**CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION**

Figure Title

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT
SURFICIAL GEOLOGY**

Drawn	Checked	Date	Figure No. 5
CD	DM	June 2017	
Scale		Project No.	
1:20,000		300039474	



LEGEND

- Approximate Site Boundary
- Study Area
- Freeway
- Arterial / Collector Road
- Local Road
- Watercourse
- Waterbody

UPPER ORDOVICIAN - 55 Shale, limestone, dolostone, siltstone

- 55a Queenston Fm.
- 55b Georgian Bay Fm.; Blue Mountain Fm.; Billings Fm.; Collingwood Mb.; Eastview Mb. MinStr.

--- Bedrock Geology Unit Boundary

Sources:

1. Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 - Revision 1.
2. Ministry of Natural Resources, © Queen's Printer for Ontario
3. Natural Resources Canada © Her Majesty the Queen in Right of Canada

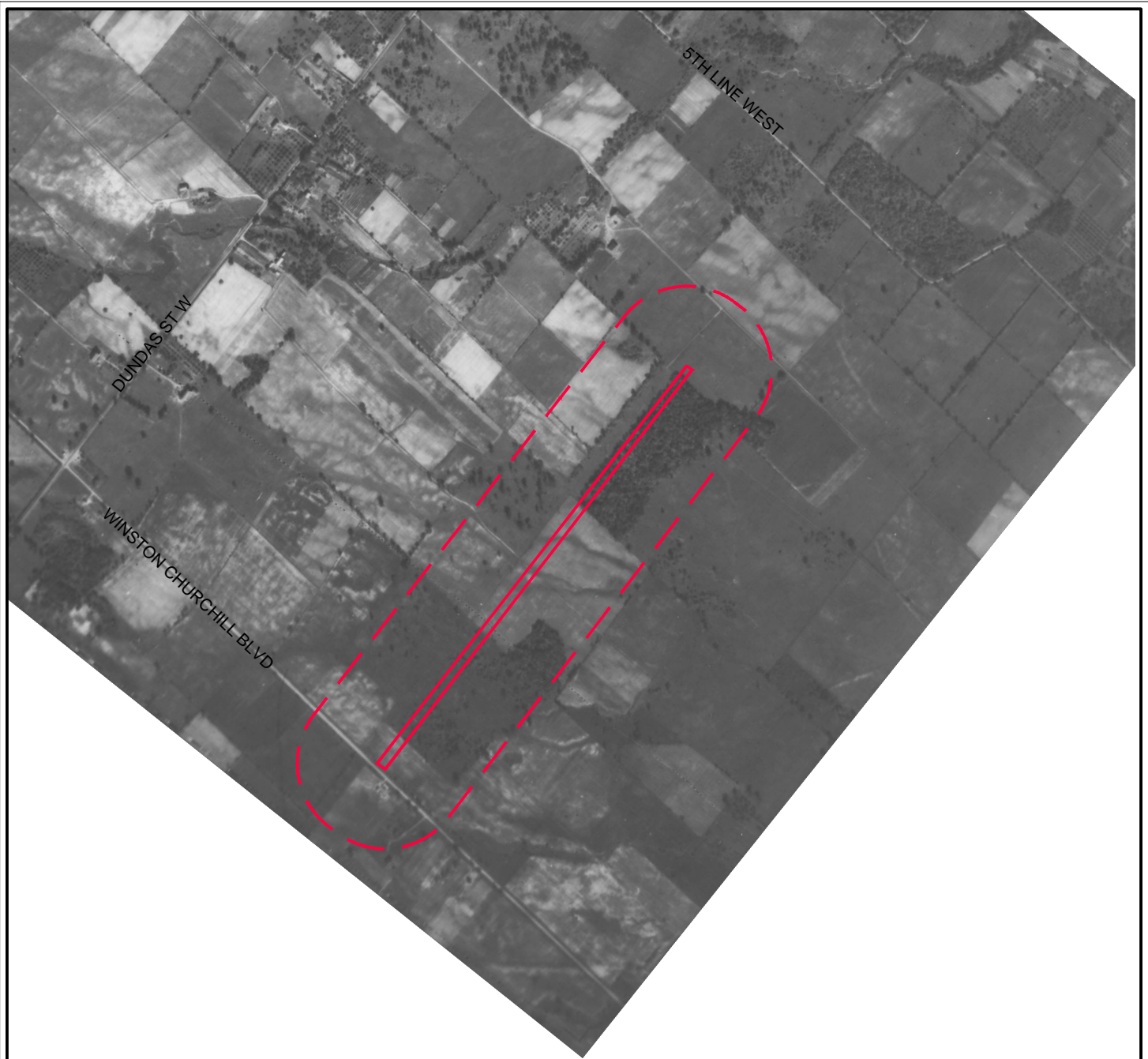
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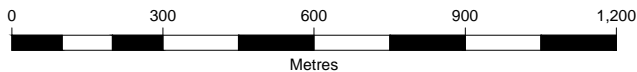
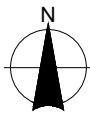
Client
**CITY OF MISSISSAUGA
 SHERIDAN PARK DRIVE EXTENSION**

Figure Title
**PHASE ONE ENVIRONMENTAL SITE
 ASSESSMENT
 BEDROCK GEOLOGY**

Drawn	Checked	Date	Figure No. 6
CD	DM	June 2017	
Scale		Project No. 300039474	
		1:50,000	



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LEGEND

- APPROXIMATE SITE BOUNDARY
- - - - - STUDY AREA



Figure Title

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
1934 AIR PHOTO

Client

CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION

Drawn
CD

Checked
DM

Date
June 2017

Scale
1:15,000

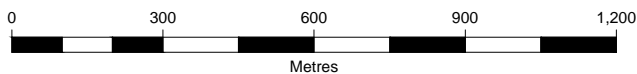
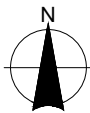
Project No.
300039474

Figure No.

7



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LEGEND

- APPROXIMATE SITE BOUNDARY
- - - - - STUDY AREA



Figure Title

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
1960 AIR PHOTO**

Client

**CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION**

Drawn

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Scale

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Date

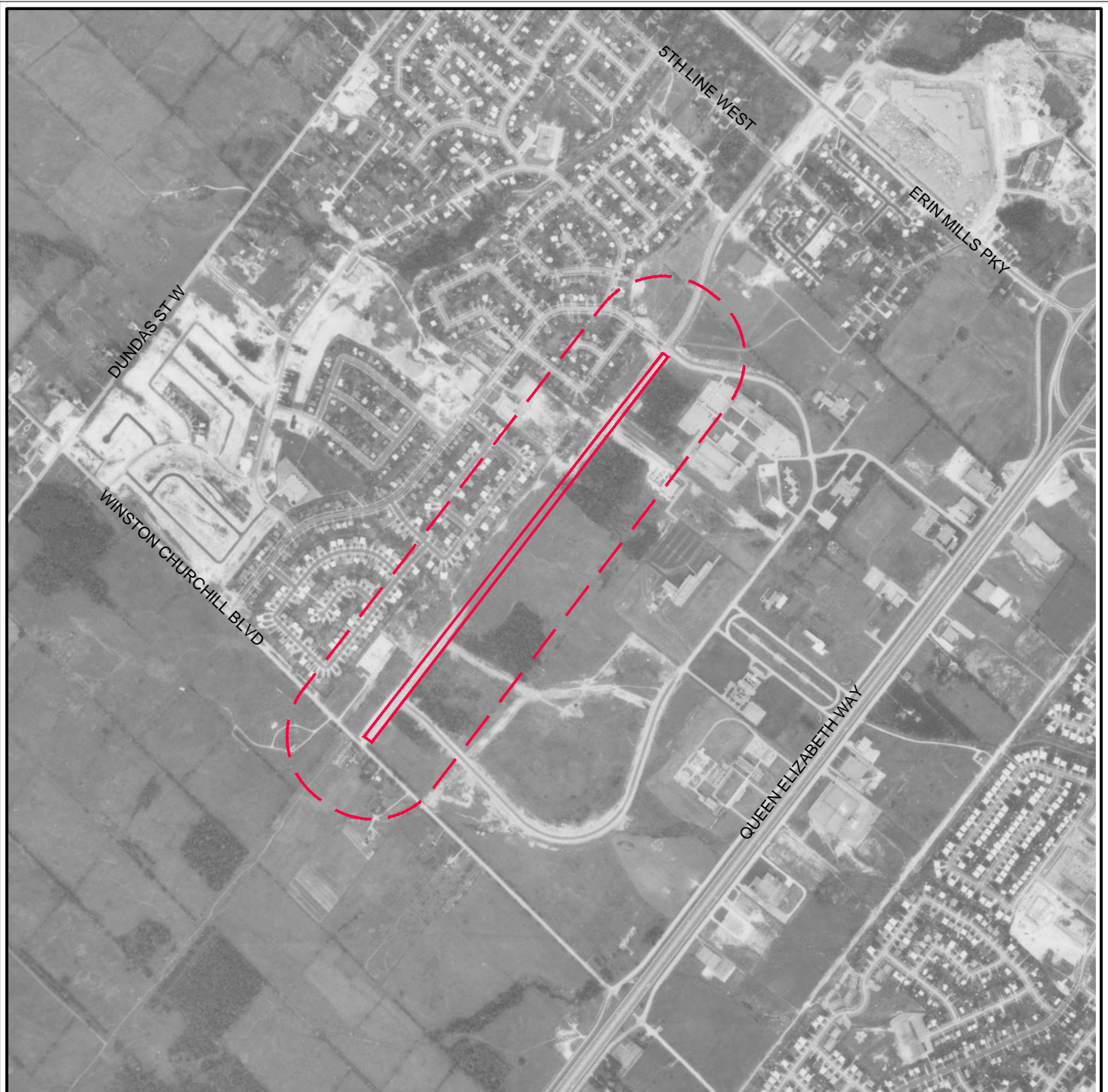
June 2017

Project No.

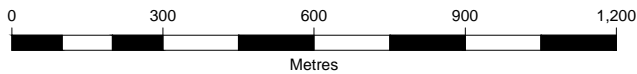
300039474

Figure No.

8



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LEGEND

- APPROXIMATE SITE BOUNDARY
- - - - - STUDY AREA



Figure Title

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
1970 AIR PHOTO**

Client

**CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION**

Drawn

CD

Scale

1:15,000

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DM

Date

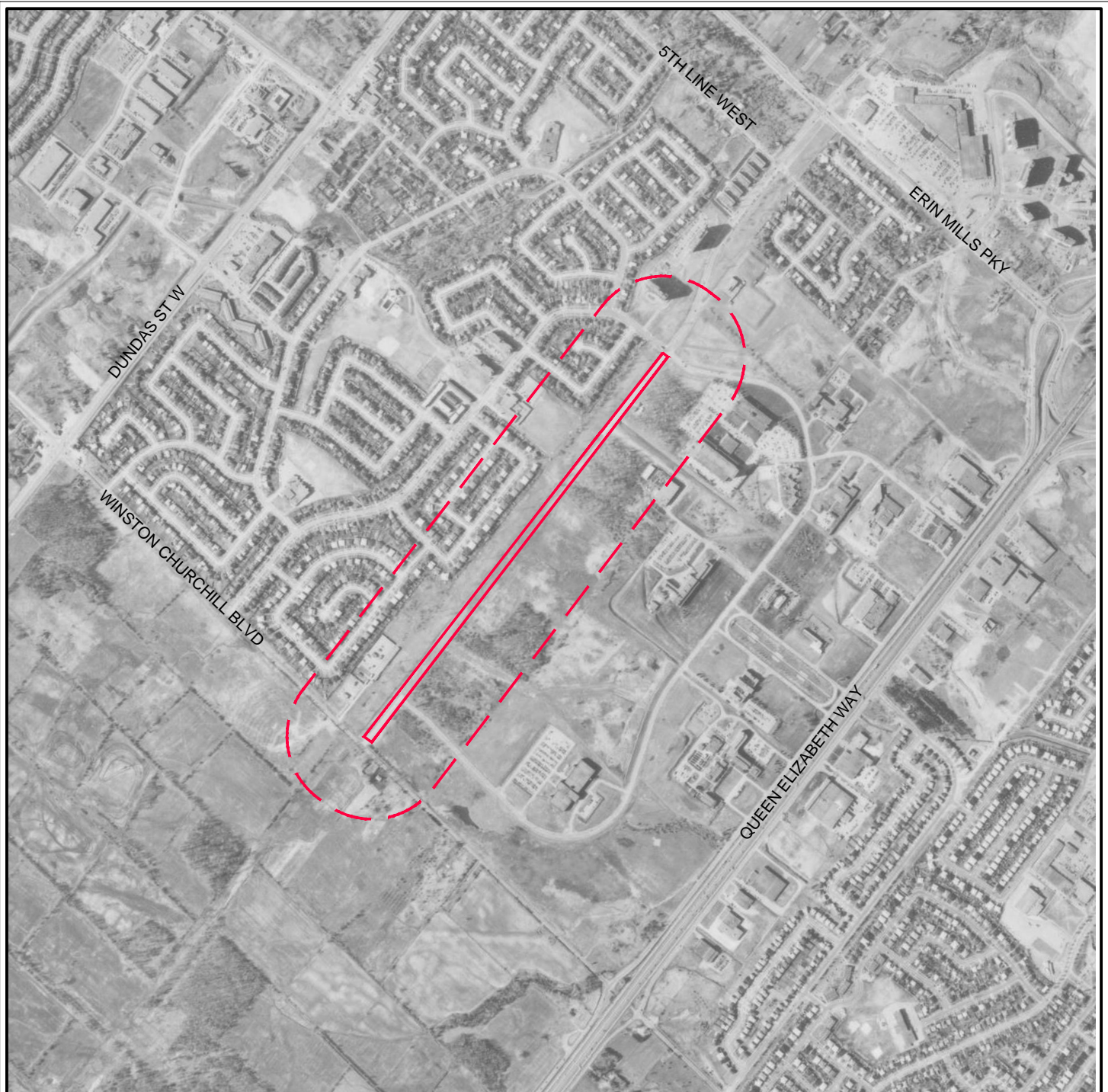
June 2017

Project No.

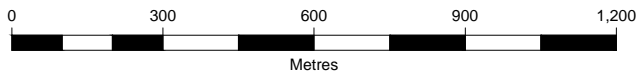
300039474

Figure No.

9



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LEGEND

- APPROXIMATE SITE BOUNDARY
- - - - - STUDY AREA



Figure Title

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
1978 AIR PHOTO**

Client

**CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION**

Drawn

CD

Scale

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Date

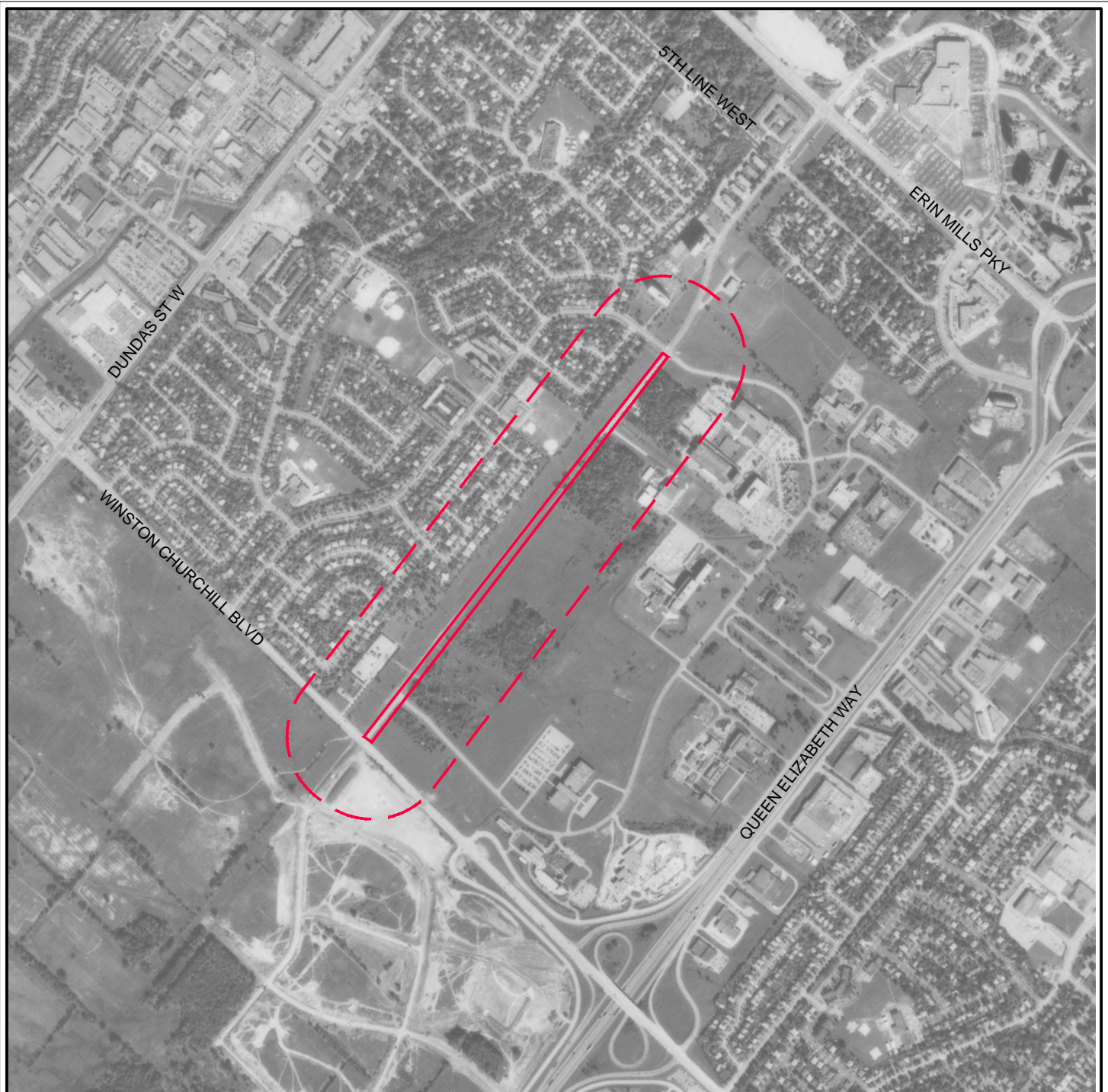
June 2017

Project No.

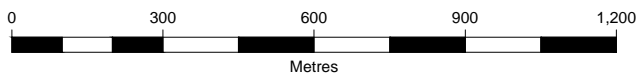
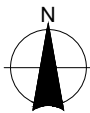
300039474

Figure No.

10



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LEGEND

- APPROXIMATE SITE BOUNDARY
- - - - STUDY AREA



Figure Title

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
1988 AIR PHOTO**

Client

**CITY OF MISSISSAUGA
SHERIDAN PARK DRIVE EXTENSION**

Drawn

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Scale

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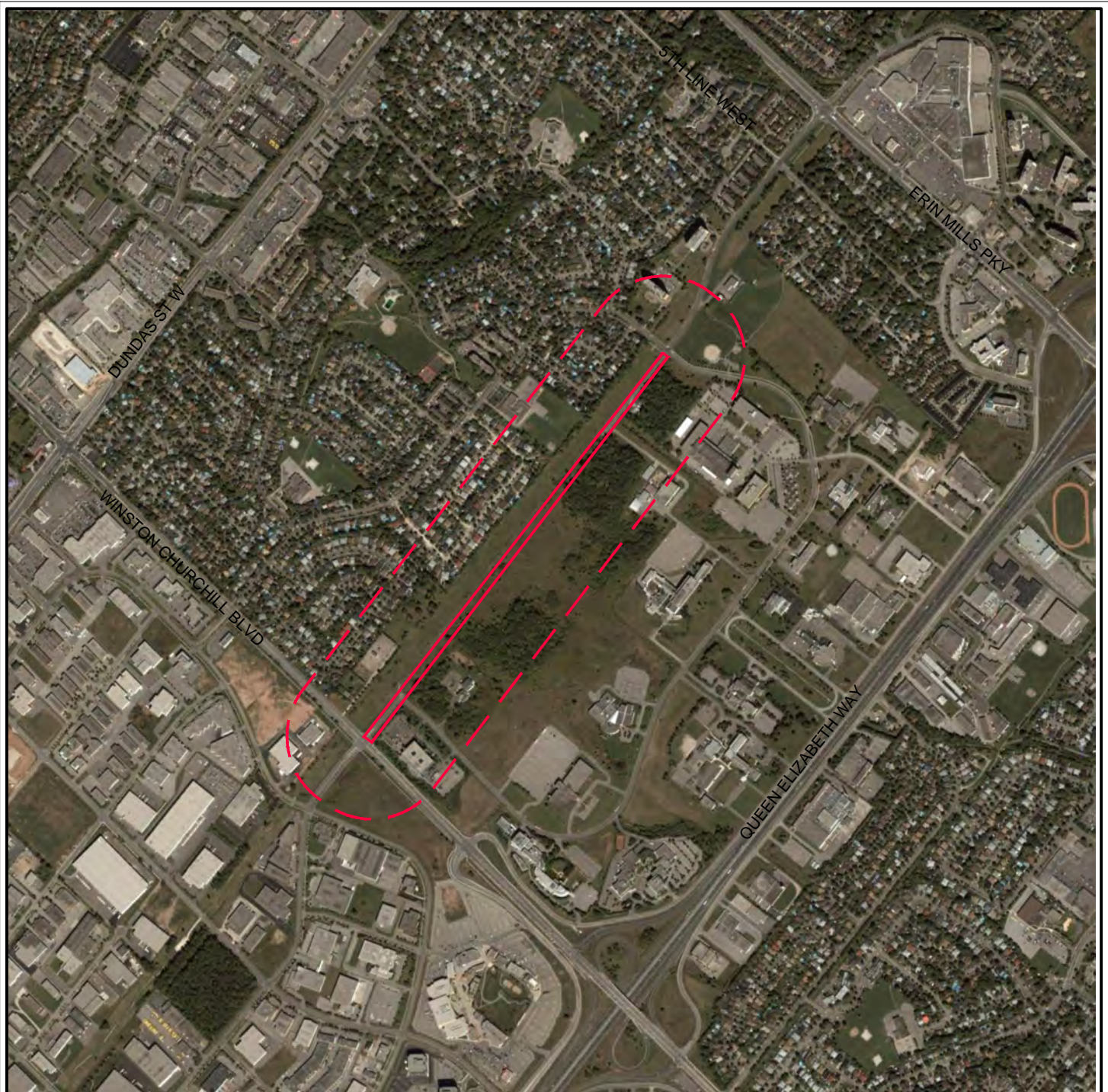
June 2017

Project No.

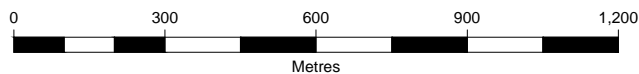
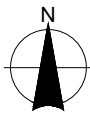
300039474

Figure No.

11



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LEGEND

- APPROXIMATE SITE BOUNDARY
- - - - STUDY AREA



Figure Title

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 2004 AIR PHOTO**

Client

**CITY OF MISSISSAUGA
 SHERIDAN PARK DRIVE EXTENSION**

Drawn

CD

Checked

DM

Date

June 2017

Scale

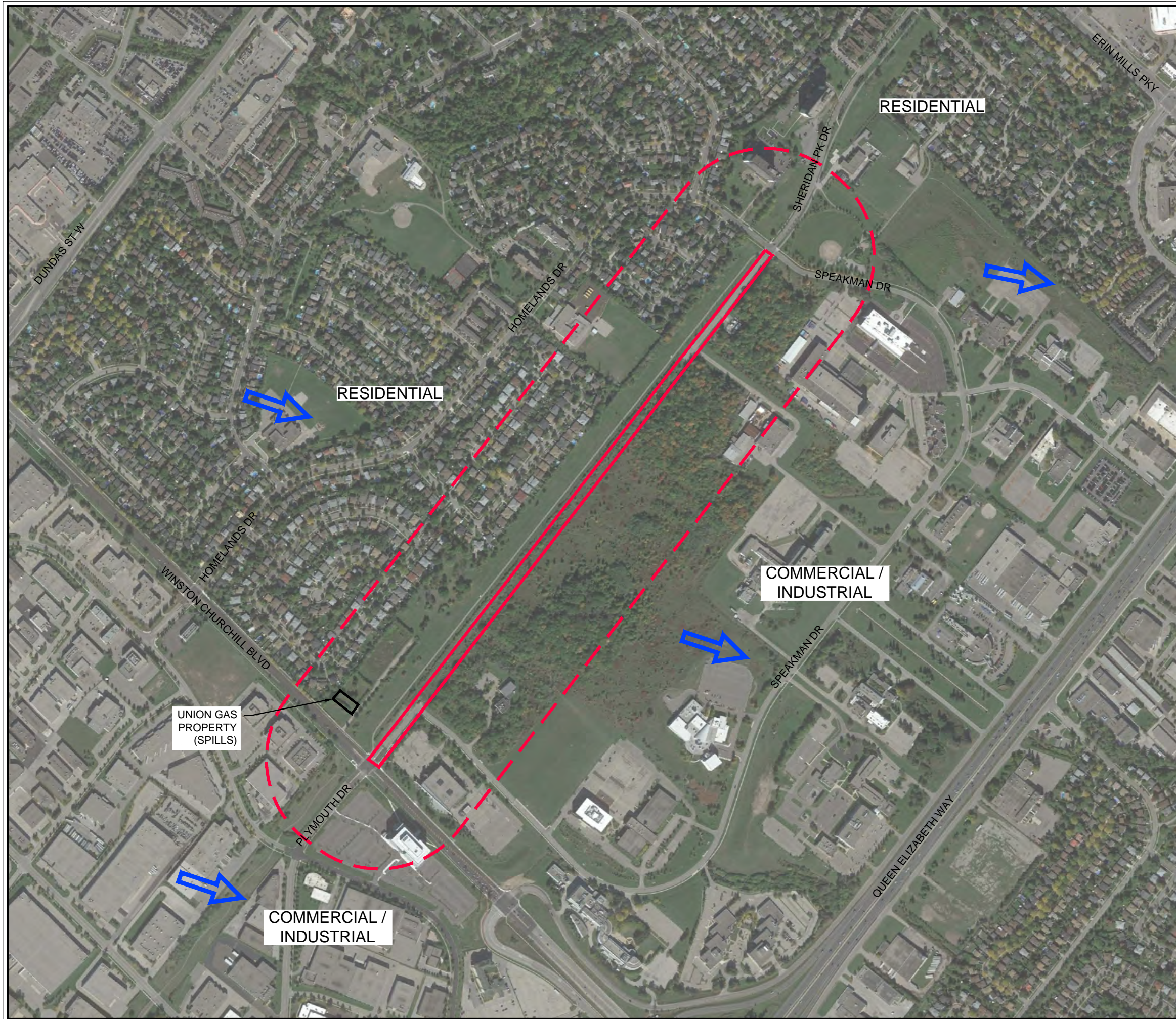
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Project No.

300039474

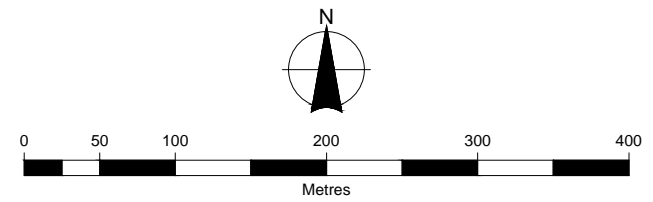
Figure No.

12



- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - - - STUDY AREA
 - ➡ INFERRED GROUNDWATER FLOW DIRECTION

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Client
**CITY OF MISSISSAUGA
 SHERIDAN PARK DRIVE EXTENSION**

Figure Title
**PHASE ONE ENVIRONMENTAL SITE
 ASSESSMENT
 CONCEPTUAL SITE MODEL**

Drawn CD	Checked DM	Date June 2017	Figure No. 13
Scale 1:7,500	Project No. 300039474		



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Appendix A

ERIS Report

Appendix A

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *Sheridan Park EA Study
Sheridan Park Drive
Mississauga ON
039474*

Project No: *039474*

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

Order No: *20170529041*

Requested by: *R.J. Burnside & Associates Limited*

Date Completed: *June 2, 2017*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: *Sheridan Park EA Study
Sheridan Park Drive Mississauga ON*

Project No: *039474*

Order Information:

Order No: *20170529041*

Date Requested: *May 29, 2017*

Requested by: *R.J. Burnside & Associates Limited*

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

Additional Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.20km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	N	-	-	-
AMIS	<i>Abandoned Mine Information System</i>	N	-	-	-
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	N	-	-	-
BORE	<i>Borehole</i>	N	-	-	-
CA	<i>Certificates of Approval</i>	Y	0	4	4
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	N	-	-	-
CNG	<i>Compressed Natural Gas Stations</i>	N	-	-	-
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	N	-	-	-
CPU	<i>Certificates of Property Use</i>	N	-	-	-
DRL	<i>Drill Hole Database</i>	N	-	-	-
EASR	<i>Environmental Activity and Sector Registry</i>	N	-	-	-
EBR	<i>Environmental Registry</i>	N	-	-	-
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	N	-	-	-
EHS	<i>ERIS Historical Searches</i>	Y	0	6	6
EIS	<i>Environmental Issues Inventory System</i>	N	-	-	-
EMHE	<i>Emergency Management Historical Event</i>	N	-	-	-
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	N	-	-	-
FCS	<i>Contaminated Sites on Federal Land</i>	N	-	-	-
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	N	-	-	-
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	19	19
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	N	-	-	-
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	N	-	-	-
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	N	-	-	-
MINE	<i>Canadian Mine Locations</i>	N	-	-	-
MNR	<i>Mineral Occurrences</i>	N	-	-	-
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	N	-	-	-

Database	Name	Searched	Project Property	Boundary to 0.20km	Total
NCPL	<i>Non-Compliance Reports</i>	N	-	-	-
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	N	-	-	-
NDSP	<i>National Defense & Canadian Forces Spills</i>	N	-	-	-
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	N	-	-	-
NEBI	<i>National Energy Board Pipeline Incidents</i>	N	-	-	-
NEBW	<i>National Energy Board Wells</i>	N	-	-	-
NEES	<i>National Environmental Emergencies System (NEES)</i>	N	-	-	-
NPCB	<i>National PCB Inventory</i>	N	-	-	-
NPRI	<i>National Pollutant Release Inventory</i>	N	-	-	-
OGW	<i>Oil and Gas Wells</i>	N	-	-	-
OOGW	<i>Ontario Oil and Gas Wells</i>	N	-	-	-
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	N	-	-	-
PAP	<i>Canadian Pulp and Paper</i>	N	-	-	-
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	N	-	-	-
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	N	-	-	-
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	N	-	-	-
SPL	<i>Ontario Spills</i>	Y	0	6	6
SRDS	<i>Wastewater Discharger Registration Database</i>	N	-	-	-
TANK	<i>Anderson's Storage Tanks</i>	N	-	-	-
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	N	-	-	-
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	N	-	-	-
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	N	-	-	-
Total:			0	36	36

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
1	EHS		Sheridan Park Dr/Speakman Dr Mississauga ON	SW/7.6	2.55	15
1	SPL	The Corporation of the City of Mississauga	Speakman Dr and Sheridan park drive Mississauga ON	SW/7.6	2.55	15
2	SPL		just north of Sheridan park Dr and Winston Churchill Blvd Mississauga ON	SW/9.9	2.31	15
3	GEN	Enersource Hydro Mississauga	2340 Sheridan Park Drive Mississauga ON L5K1B2	NE/22.1	-3.37	16
3	GEN	Enersource Hydro Mississauga	2340 Sheridan Park Drive Mississauga ON L5K1B2	NE/22.1	-3.37	16
4	SPL	UNION GAS LTD.	UNION GAS-OAKVILLE SHERIDAN 2345 WINSTON CHURCHILL BLVD PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON	SW/122.0	3.55	16
4	SPL	UNION GAS LTD.	2345 WINSTON CHURCHILL BLVD PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON	SW/122.0	3.55	16
5	CA	R.M. OF PEEL	L.33,C.1/CORSICA CT/PYRAMID CR MISSISSAUGA ON	NNE/123.4	-2.52	17
6	CA	STELTECH LIMITED	2800 SPEAKMAN DRIVE MISSISSAUGA CITY ON L5K 2R7	SSW/126.7	1.55	1
6	CA	2748355 Canada Inc.	2800 Speakman Drive Mississauga ON L5K 2R7	SSW/126.7	1.55	17
6	EHS		2800 Speakman Drive Mississauga ON L5K 2R7	SSW/126.7	1.55	18
6	GEN	HATCH Ltd.	2800 Speakman Dr., Mississauga ON L5K 2R7	SSW/126.7	1.55	18
6	GEN	Hatch Ltd.	2800 Speakman Drive Mississauga ON	SSW/126.7	1.55	18
7	EHS		2285 Bristol Cir Oakville ON L6H6P8	SW/141.7	3.55	19
8	GEN	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	19
8	GEN	MOVEH	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	19
8	GEN	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	19
8	GEN	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	20
8	GEN	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	20
8	GEN	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	21
8	GEN	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON	SW/144.3	3.55	21

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	GEN	MOVEH	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	SW/144.3	3.55	<u>21</u>
<u>9</u>	EHS		2233 Speakman Dr Mississauga ON L5K0A3	NE/165.0	-6.52	<u>22</u>
<u>9</u>	GEN	Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	NE/165.0	-6.52	<u>22</u>
<u>9</u>	GEN	Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON	NE/165.0	-6.52	<u>23</u>
<u>9</u>	GEN	Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	NE/165.0	-6.52	<u>24</u>
<u>9</u>	GEN	Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON	NE/165.0	-6.52	<u>25</u>
<u>9</u>	GEN	Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	NE/165.0	-6.52	<u>27</u>
<u>10</u>	CA	ONTARIO MIN. OF THE ENVIR. S. PEEL W.	HERRIDGE P.S. MISSISSAUGA ON	NE/165.7	-7.89	<u>28</u>
<u>11</u>	EHS		2250 Homelands Drive Mississauga ON	NNE/180.5	-5.44	<u>29</u>
<u>12</u>	EHS		Plymouth Dr Winston Churchill Blvd Oakville ON	SSW/185.5	0.55	<u>29</u>
<u>13</u>	GEN	Peel District School Board	2420 Homelands Drive Mississauga ON	N/189.1	0.55	<u>29</u>
<u>13</u>	GEN	Peel District School Board	2420 Homelands Drive Mississauga ON L5K1H2	N/189.1	0.55	<u>29</u>
<u>13</u>	PINC		2420 HOMELANDS DRIVE, MISSISSAUGA ON	N/189.1	0.55	<u>30</u>
<u>13</u>	SPL	The Regional Municipality of Peel	2420 Homelands Dr Mississauga ON L5K 1H2	N/189.1	0.55	<u>30</u>
<u>13</u>	SPL		2420 Homelands Drive Mississauga ON	N/189.1	0.55	<u>30</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.20 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.M. OF PEEL	L.33,C.1/CORSICA CT/PYRAMID CR MISSISSAUGA ON	123.4	<u>5</u>
2748355 Canada Inc.	2800 Speakman Drive Mississauga ON L5K 2R7	126.7	<u>6</u>
STELTECH LIMITED	2800 SPEAKMAN DRIVE MISSISSAUGA CITY ON L5K 2R7	126.7	<u>6</u>
ONTARIO MIN. OF THE ENVIR. S. PEEL W.	HERRIDGE P.S. MISSISSAUGA ON	165.7	<u>10</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 6 EHS site(s) within approximately 0.20 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Sheridan Park Dr/Speakman Dr Mississauga ON	7.6	<u>1</u>
	2800 Speakman Drive Mississauga ON L5K 2R7	126.7	<u>6</u>
	2285 Bristol Cir Oakville ON L6H6P8	141.7	<u>7</u>
	2233 Speakman Dr Mississauga ON L5K0A3	165.0	<u>9</u>
	2250 Homelands Drive Mississauga ON	180.5	<u>11</u>
	Plymouth Dr Winston Churchill Blvd Oakville ON	185.5	<u>12</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 19 GEN site(s) within approximately 0.20 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enersource Hydro Mississauga	2340 Sheridan Park Drive Mississauga ON L5K1B2	22.1	<u>3</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enersource Hydro Mississauga	2340 Sheridan Park Drive Mississauga ON L5K1B2	22.1	<u>3</u>
HATCH Ltd.	2800 Speakman Dr., Mississauga ON L5K 2R7	126.7	<u>6</u>
Hatch Ltd.	2800 Speakman Drive Mississauga ON	126.7	<u>6</u>
MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
MOVEH	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON	144.3	<u>8</u>
MOVEH	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA	2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	144.3	<u>8</u>
Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON	165.0	<u>9</u>
Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	165.0	<u>9</u>
Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON	165.0	<u>9</u>
Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	165.0	<u>9</u>
Candu Energy Inc.	2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	165.0	<u>9</u>
Peel District School Board	2420 Homelands Drive Mississauga ON	189.1	<u>13</u>
Peel District School Board	2420 Homelands Drive Mississauga ON L5K1H2	189.1	<u>13</u>

PINC - TSSA Pipeline Incidents

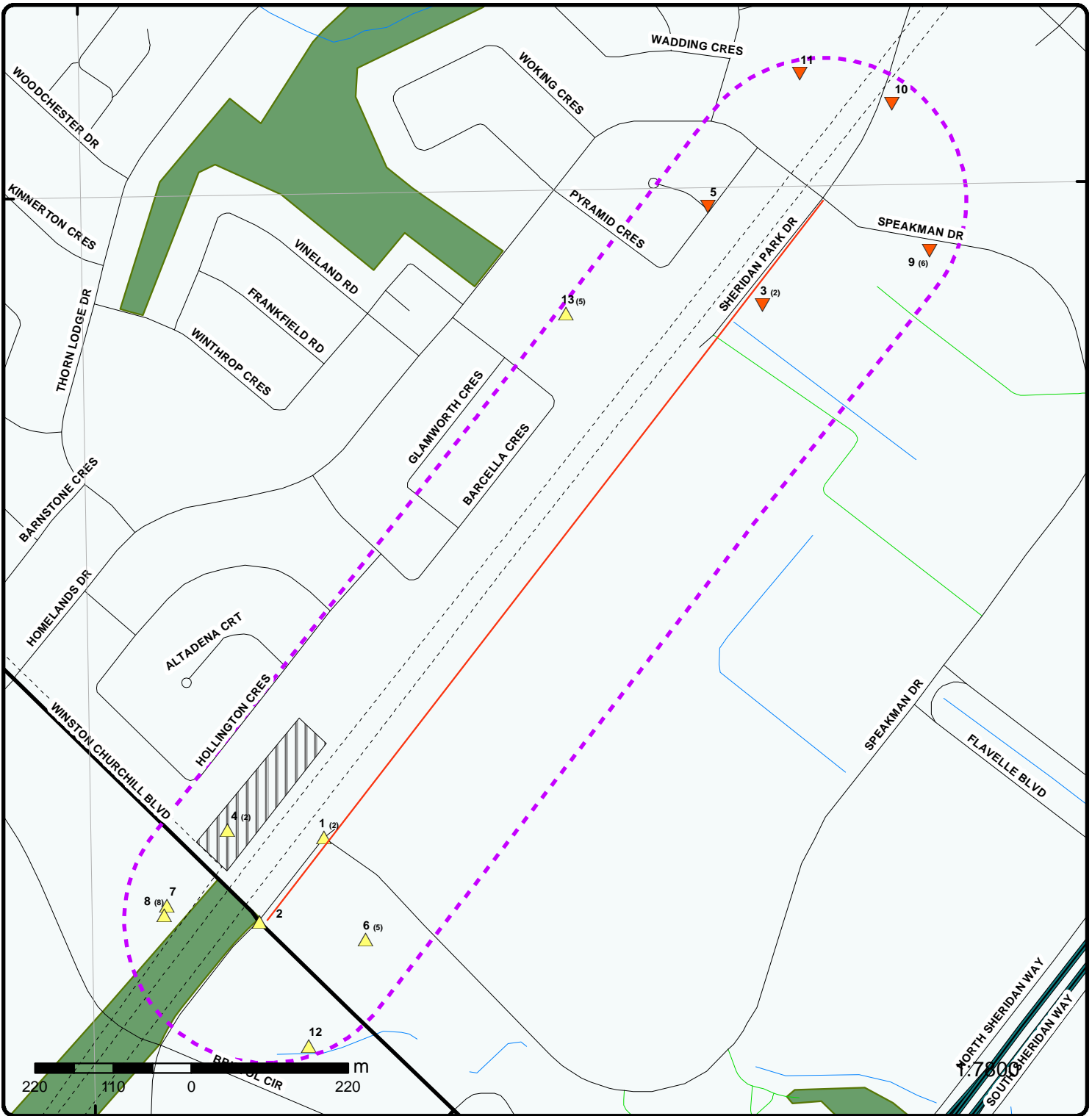
A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.20 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2420 HOMELANDS DRIVE, MISSISSAUGA ON	189.1	<u>13</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 6 SPL site(s) within approximately 0.20 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the City of Mississauga	Speakman Dr and Sheridan park drive Mississauga ON	7.6	<u>1</u>
	just north of Sheridan park Dr and Winston Churchill Blvd Mississauga ON	9.9	<u>2</u>
UNION GAS LTD.	2345 WINSTON CHURCHILL BLVD PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON	122.0	<u>4</u>
UNION GAS LTD.	UNION GAS-OAKVILLE SHERIDAN 2345 WINSTON CHURCHILL BLVD PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON	122.0	<u>4</u>
	2420 Homelands Drive Mississauga ON	189.1	<u>13</u>
The Regional Municipality of Peel	2420 Homelands Dr Mississauga ON L5K 1H2	189.1	<u>13</u>



Map : 0.2 Kilometer Radius

Order No: 20170529041

Address: Sheridan Park Drive, Mississauga, ON

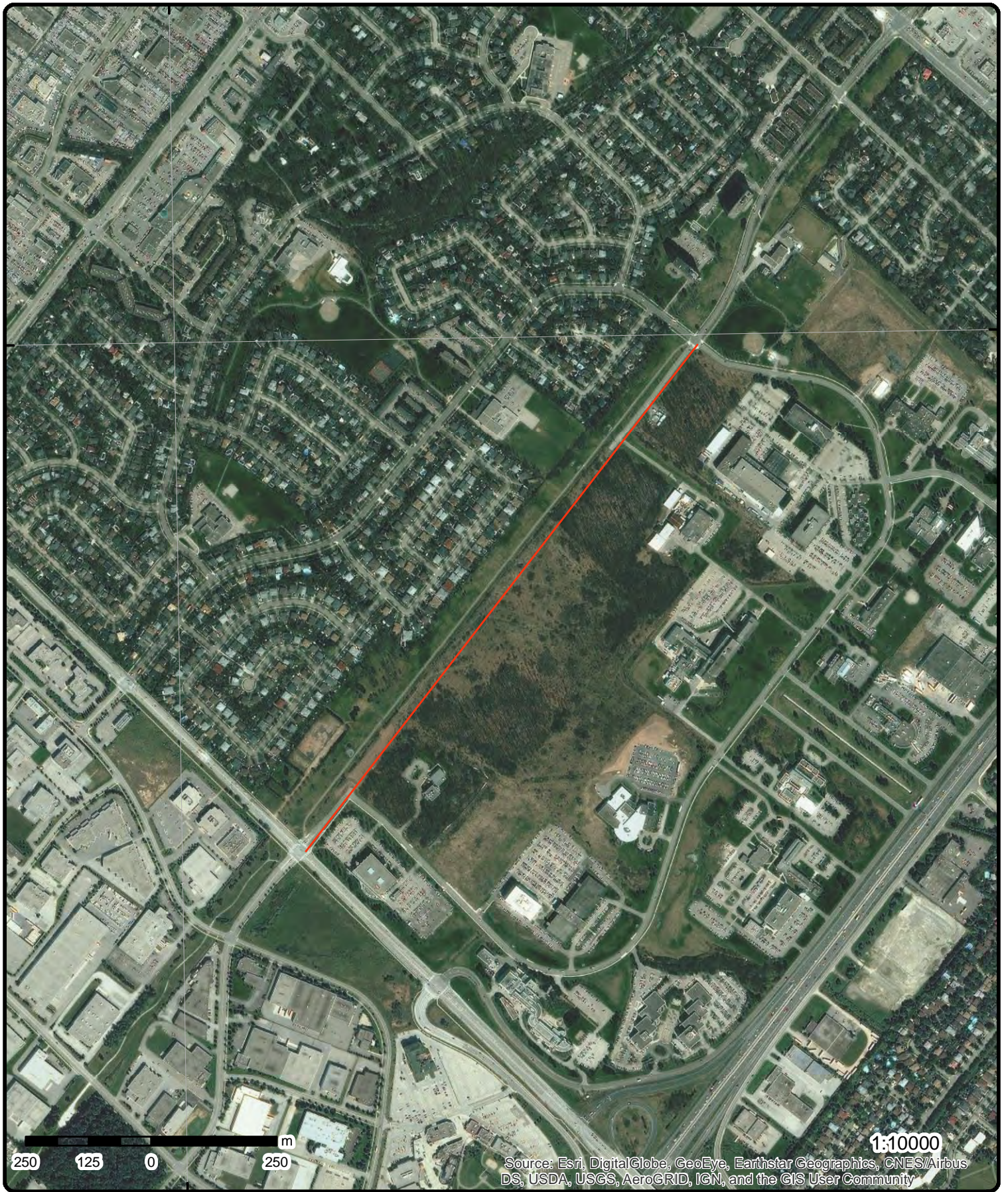


- | | | | |
|-----------------------------------|----------------------|-----------------------------------|--------------------------------|
| Project Property | Expressway | Industrial and Resource - Regions | National Park |
| Buffer Outline | Principal Highway | Main Line | Provincial or Territorial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

79°40'30"W

43°31'30"N

43°31'30"N



250 125 0 250 m

1:10000

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

Aerial

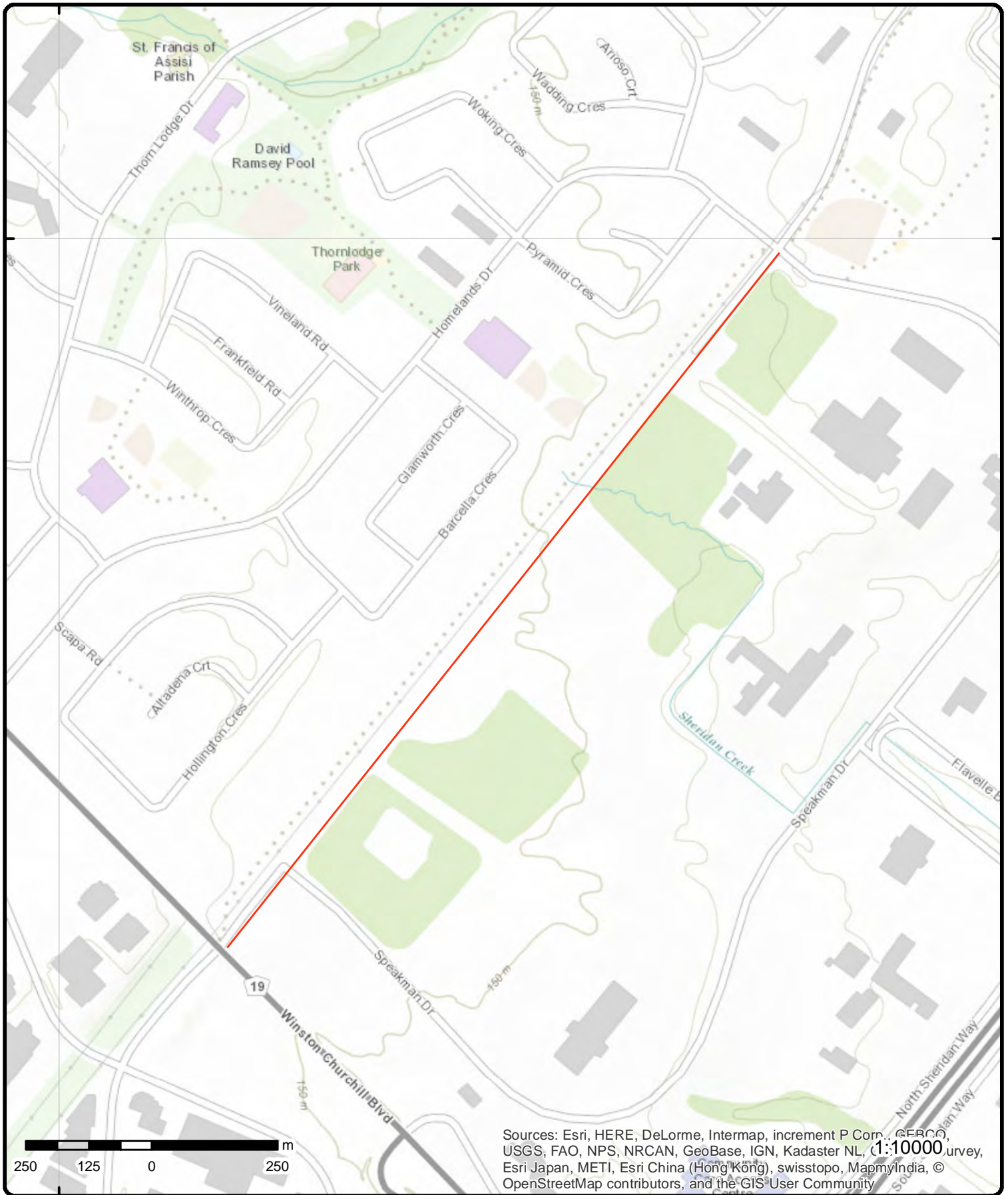
Address: Sheridan Park Drive, Mississauga, ON

Source: ESRI World Imagery

Order No: 20170529041



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Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, (1:10000)urvey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: Sheridan Park Drive, Mississauga, ON

Source: ESRI World Topographic Map

Order No: 20170529041



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 2	SW/7.6	151.8	Sheridan Park Dr/Speakman Dr Mississauga ON	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: 20010516006 Addit. Info Ordered:: Report Date: 5/22/01 Report Type: Complete Report Search Radius (km): 0.35					
1	2 of 2	SW/7.6	151.8	The Corporation of the City of Mississauga Speakman Dr and Sheridan park drive Mississauga ON	SPL
Ref No: 5887-82HMGE Contaminant Code: 99 Contaminant Name: CHLORINATED WATER Contaminant Quantity: 0 other - see incident description Incident Cause: Pipe Or Hose Leak Incident Dt: Incident Reason: Error- Operator error Incident Summary: Mississauga - broken watermain, chl.water to sewer MOE Reported Dt: 2/9/2010 Environmental Impact: Confirmed Nature of Impact: Surface Water Pollution Receiving Medium: SAC Action Class: Land Spills Sector Source Type: Water Supply Receiving Environment: Incident Event: Site Municipality:					
2	1 of 1	SW/9.9	151.6	just north of Sheridan park Dr and Winston Churchill Blvd Mississauga ON	SPL
Ref No: 4008-9SQRAM Contaminant Code: 41 Contaminant Name: SLURRY (N.O.S.) Contaminant Quantity: 25 m ³ Incident Cause: Dumping Incident Dt: 1/13/2015 Incident Reason: Unknown / N/A Incident Summary: Sheridan Park Dr/Winston Churchill Blvd - slurry dumping MOE Reported Dt: 1/13/2015 Environmental Impact: Nature of Impact: Land Receiving Medium: SAC Action Class: Primary Assessment of Spills					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Sector Source Type: Receiving Environment: Incident Event: Site Municipality: Mississauga					
<u>3</u>	1 of 2	NE/22.1	145.9	Enersource Hydro Mississauga 2340 Sheridan Park Drive Mississauga ON L5K1B2	GEN
PO Box Num: Status: Country: Generator #: ON7522160 Approval Yrs.: 2011 SIC Code: 221122 SIC Description:					
<u>3</u>	2 of 2	NE/22.1	145.9	Enersource Hydro Mississauga 2340 Sheridan Park Drive Mississauga ON L5K1B2	GEN
PO Box Num: Status: Country: Generator #: ON7522160 Approval Yrs.: 2012 SIC Code: 221122 SIC Description: Electric Power Distribution					
<u>4</u>	1 of 2	SW/122.0	152.8	UNION GAS LTD. UNION GAS-OAKVILLE SHERIDAN 2345 WINSTON CHURCHILL BLVD PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON	SPL
Ref No: 75186 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: UNKNOWN Incident Dt: 8/21/1992 Incident Reason: UNKNOWN Incident Summary: 205L PETROLEUM OIL FOUND WHILE CLEANING UP UNDER- GROUND LINE.SOURCE UNKN'N MOE Reported Dt: 8/24/1992 Environmental Impact: CONFIRMED Nature of Impact: Soil contamination Receiving Medium: LAND SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: 21102					
<u>4</u>	2 of 2	SW/122.0	152.8	UNION GAS LTD. 2345 WINSTON CHURCHILL BLVD PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON	SPL
Ref No: 75329					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: PIPE/HOSE LEAK Incident Dt: 8/26/1992 Incident Reason: INTENTIONAL/PLANNED Incident Summary: UNION GAS: 900L H2O WITH POSSIBLE TRACES NATURAL GAS TO GRND FROM PIPELINE MOE Reported Dt: 8/27/1992 Environmental Impact: POSSIBLE Nature of Impact: Soil contamination Receiving Medium: LAND SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: 21102					
<u>5</u>	1 of 1	NNE/123.4	146.8	R.M. OF PEEL L.33,C.1/CORSICA CT/PYRAMID CR MISSISSAUGA ON	CA
Certificate #: 7-0144-98- Application Year: 98 Issue Date: 3/20/1998 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
<u>6</u>	1 of 5	SSW/126.7	150.8	STELTECH LIMITED 2800 SPEAKMAN DRIVE MISSISSAUGA CITY ON L5K 2R7	CA
Certificate #: 8-3307-94- Application Year: 94 Issue Date: 7/21/1994 Approval Type: Industrial air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: INSTALL EXHAUST FAN FOR MACROETCHER Contaminants:: Hydrogen Chloride Emission Control:: No Controls					
<u>6</u>	2 of 5	SSW/126.7	150.8	2748355 Canada Inc. 2800 Speakman Drive Mississauga ON L5K 2R7	CA
Certificate #: 1332-6KRLFU Application Year: 2006 Issue Date: 1/19/2006					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Approval Type: Air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
<u>6</u>	3 of 5	SSW/126.7	150.8	2800 Speakman Drive Mississauga ON L5K 2R7	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: 20110713009 Addit. Info Ordered:: Report Date: 7/19/2011 Report Type: Custom Report Search Radius (km): 0.25					
<u>6</u>	4 of 5	SSW/126.7	150.8	HATCH Ltd. 2800 Speakman Dr., Mississauga ON L5K 2R7	GEN
PO Box Num: Status: Country: Generator #: ON8457999 Approval Yrs:: 2010 SIC Code: 493110 SIC Description: General Warehousing and Storage --Details-- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS					
<u>6</u>	5 of 5	SSW/126.7	150.8	Hatch Ltd. 2800 Speakman Drive Mississauga ON	GEN
PO Box Num: Status: Country: Generator #: ON8717800 Approval Yrs:: As of April 2014 SIC Code: SIC Description: --Details-- Waste Code: 252 Waste Description: Waste crankcase oils and lubricants					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>7</u>	1 of 1	SW/141.7	152.8	2285 Bristol Cir Oakville ON L6H6P8	EHS
Postal Code:		L6H6P8			
City:		Oakville			
Address2:					
Address1:		2285 Bristol Cir			
Provstate:		ON			
Order No.:		20160824049			
Addit. Info Ordered::					
Report Date:		29-AUG-16			
Report Type:		RSC Report (Urban)			
Search Radius (km):		.3			
<u>8</u>	1 of 8	SW/144.3	152.8	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA 2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON2237685			
Approval Yrs.:		05,06,07,08			
SIC Code:		541940			
SIC Description:		Veterinary Services			
--Details--					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
<u>8</u>	2 of 8	SW/144.3	152.8	MOVEH 2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON2237685			
Approval Yrs.:		As of May 2015			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		212			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		261			
Waste Description:		Pharmaceuticals			
Waste Code:		312			
Waste Description:		Pathological wastes			
<u>8</u>	3 of 8	SW/144.3	152.8	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA 2285 BRISTOL CIRCLE	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
OAKVILLE ON L6H 6P8					
PO Box Num: Status: Country: Generator #: ON2237685 Approval Yrs.: 2009 SIC Code: 541940 SIC Description: Veterinary Services					
--Details--					
Waste Code: 261 Waste Description: PHARMACEUTICALS					
Waste Code: 312 Waste Description: PATHOLOGICAL WASTES					
<u>8</u>	4 of 8	SW/144.3	152.8	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA 2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	GEN
PO Box Num: Status: Country: Generator #: ON2237685 Approval Yrs.: 2010 SIC Code: 541940 SIC Description: Veterinary Services					
--Details--					
Waste Code: 312 Waste Description: PATHOLOGICAL WASTES					
Waste Code: 261 Waste Description: PHARMACEUTICALS					
<u>8</u>	5 of 8	SW/144.3	152.8	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA 2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	GEN
PO Box Num: Status: Country: Generator #: ON2237685 Approval Yrs.: 2011 SIC Code: 541940 SIC Description: Veterinary Services					
--Details--					
Waste Code: 312 Waste Description: PATHOLOGICAL WASTES					
Waste Code: 261 Waste Description: PHARMACEUTICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>8</u>	6 of 8	SW/144.3	152.8	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA 2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	GEN
PO Box Num: Status: Country: Generator #: ON2237685 Approval Yrs:: 2012 SIC Code: 541940 SIC Description: Veterinary Services					
--Details--					
Waste Code: 312					
Waste Description: PATHOLOGICAL WASTES					
Waste Code: 261					
Waste Description: PHARMACEUTICALS					
<u>8</u>	7 of 8	SW/144.3	152.8	MISSISSAUGA- OAKVILLE VETERINARY EMERGENCY HOSPITA 2285 BRISTOL CIRCLE OAKVILLE ON	GEN
PO Box Num: Status: Country: Generator #: ON2237685 Approval Yrs:: 2013 SIC Code: 541940 SIC Description: VETERINARY SERVICES					
--Details--					
Waste Code: 312					
Waste Description: PATHOLOGICAL WASTES					
Waste Code: 261					
Waste Description: PHARMACEUTICALS					
<u>8</u>	8 of 8	SW/144.3	152.8	MOVEH 2285 BRISTOL CIRCLE OAKVILLE ON L6H 6P8	GEN
PO Box Num: Status: Registered Country: Canada Generator #: ON2237685 Approval Yrs:: As of Sep 2016 SIC Code: SIC Description:					
--Details--					
Waste Code: 212 I					
Waste Description: Aliphatic solvents and residues					
Waste Code: 261 A					
Waste Description: Pharmaceuticals					
Waste Code: 312 P					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		Pathological wastes			
<u>9</u>	1 of 6	NE/165.0	142.8	2233 Speakman Dr Mississauga ON L5K0A3	EHS
Postal Code:		L5K0A3			
City:		Mississauga			
Address2:					
Address1:		2233 Speakman Dr			
Provstate:		ON			
Order No.:		20150116062			
Addit. Info Ordered::		Fire Insur. Maps and/or Site Plans; Aerial Photos			
Report Date:		27-JAN-15			
Report Type:		Custom Report			
Search Radius (km):		.25			
<u>9</u>	2 of 6	NE/165.0	142.8	Candu Energy Inc. 2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON0029500			
Approval Yrs.:		2011			
SIC Code:		541330, 541710, 332410			
SIC Description:		Engineering Services, Research and Development in the Physical Engineering and Life Sciences, Power Boiler and Heat Exchanger Manufacturing			
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		243			
Waste Description:		PCBS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		252			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		141			
Waste Description:		INORGANIC PIGMENT WASTES			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		123			
Waste Description:		ALKALINE PHOSPHATES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			

<u>9</u>	3 of 6	<i>NE/165.0</i>	<i>142.8</i>	Candu Energy Inc. 2233 SPEAKMAN DRIVE MISSISSAUGA ON	GEN
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PO Box Num:

Status:

Country:

Generator #:

ON0029500

Approval Yrs.:

As of May 2015

SIC Code:

SIC Description:

--Details--

Waste Code:

251

Waste Description:

Waste oils/sludges (petroleum based)

Waste Code:

141

Waste Description:

Inorganic wastes from pigment manufacturing

Waste Code:

263

Waste Description:

Misc. waste organic chemicals

Waste Code:

252

Waste Description:

Waste crankcase oils and lubricants

Waste Code:

269

Waste Description:

Organic non-halogenated pesticide and herbicide wastes

Waste Code:

112

Waste Description:

Acid solutions - containing heavy metals

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		213			
Waste Description:		Petroleum distillates			
Waste Code:		146			
Waste Description:		Other specified inorganic sludges, slurries or solids			
Waste Code:		211			
Waste Description:		Aromatic solvents and residues			
Waste Code:		212			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		243			
Waste Description:		PCB			
Waste Code:		122			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Code:		253			
Waste Description:		Emulsified oils			
Waste Code:		331			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		233			
Waste Description:		Other polymeric wastes			
Waste Code:		241			
Waste Description:		Halogenated solvents and residues			
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		121			
Waste Description:		Alkaline slutions - containing heavy metals			
Waste Code:		148			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		221			
Waste Description:		Light fuels			

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4 of 6

NE/165.0

142.8

Candu Energy Inc.
2233 SPEAKMAN DRIVE
MISSISSAUGA ON L5K 0A3

GEN

PO Box Num:

Status:

Country:

Generator #:

ON0029500

Approval Yrs.:

2012

SIC Code:

541330, 541710, 332410

SIC Description:

Engineering Services, Research and Development in the Physical Engineering and Life Sciences, Power Boiler and Heat Exchanger Manufacturing

--Details--

Waste Code:

145

Waste Description:

PAINT/PIGMENT/COATING RESIDUES

Waste Code:

212

Waste Description:

ALIPHATIC SOLVENTS

Waste Code:

243

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		PCBS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		123			
Waste Description:		ALKALINE PHOSPHATES			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		141			
Waste Description:		INORGANIC PIGMENT WASTES			
Waste Code:		233			
Waste Description:		OTHER POLYMERIC WASTES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			

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NE/165.0

142.8

Candu Energy Inc.
2233 SPEAKMAN DRIVE
MISSISSAUGA ON

GEN

PO Box Num:
Status:
Country:
Generator #:

ON0029500

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Approval Yrs::			2013		
SIC Code:			541330, 541710, 332410		
SIC Description:			ENGINEERING SERVICES, RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES, POWER BOILER AND HEAT EXCHANGER MANUFACTURING		
--Details--					
Waste Code:			148		
Waste Description:			INORGANIC LABORATORY CHEMICALS		
Waste Code:			251		
Waste Description:			OIL SKIMMINGS & SLUDGES		
Waste Code:			112		
Waste Description:			ACID WASTE - HEAVY METALS		
Waste Code:			146		
Waste Description:			OTHER SPECIFIED INORGANICS		
Waste Code:			212		
Waste Description:			ALIPHATIC SOLVENTS		
Waste Code:			241		
Waste Description:			HALOGENATED SOLVENTS		
Waste Code:			122		
Waste Description:			ALKALINE WASTES - OTHER METALS		
Waste Code:			221		
Waste Description:			LIGHT FUELS		
Waste Code:			263		
Waste Description:			ORGANIC LABORATORY CHEMICALS		
Waste Code:			123		
Waste Description:			ALKALINE PHOSPHATES		
Waste Code:			243		
Waste Description:			PCBS		
Waste Code:			331		
Waste Description:			WASTE COMPRESSED GASES		
Waste Code:			253		
Waste Description:			EMULSIFIED OILS		
Waste Code:			141		
Waste Description:			INORGANIC PIGMENT WASTES		
Waste Code:			213		
Waste Description:			PETROLEUM DISTILLATES		
Waste Code:			233		
Waste Description:			OTHER POLYMERIC WASTES		
Waste Code:			312		
Waste Description:			PATHOLOGICAL WASTES		
Waste Code:			261		
Waste Description:			PHARMACEUTICALS		
Waste Code:			145		
Waste Description:			PAINT/PIGMENT/COATING RESIDUES		
Waste Code:			121		
Waste Description:			ALKALINE WASTES - HEAVY METALS		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<u>9</u>	6 of 6	NE/165.0	142.8	Candu Energy Inc. 2233 SPEAKMAN DRIVE MISSISSAUGA ON L5K 0A3	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON0029500			
Approval Yrs.:		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		122 C			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Code:		112 C			
Waste Description:		Acid solutions - containing heavy metals			
Waste Code:		121 C			
Waste Description:		Alkaline slutions - containing heavy metals			
Waste Code:		141 B			
Waste Description:		Inorganic wastes from pigment manufacturing			
Waste Code:		145 H			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		146 T			
Waste Description:		Other specified inorganic sludges, slurries or solids			
Waste Code:		211 I			
Waste Description:		Aromatic solvents and residues			
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		331 B			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		212 L			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		212 I			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		212 H			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		212 B			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		213 I			
Waste Description:		Petroleum distillates			
Waste Code:		252 L			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:				Waste crankcase oils and lubricants	
Waste Code:			262 L		
Waste Description:				Detergents and soaps	
Waste Code:			148 R		
Waste Description:				Misc. wastes and inorganic chemicals	
Waste Code:			148 L		
Waste Description:				Misc. wastes and inorganic chemicals	
Waste Code:			148 I		
Waste Description:				Misc. wastes and inorganic chemicals	
Waste Code:			148 C		
Waste Description:				Misc. wastes and inorganic chemicals	
Waste Code:			148 B		
Waste Description:				Misc. wastes and inorganic chemicals	
Waste Code:			221 I		
Waste Description:				Light fuels	
Waste Code:			233 B		
Waste Description:				Other polymeric wastes	
Waste Code:			253 L		
Waste Description:				Emulsified oils	
Waste Code:			241 B		
Waste Description:				Halogenated solvents and residues	
Waste Code:			269 T		
Waste Description:				Organic non-halogenated pesticide and herbicide wastes	
Waste Code:			269 L		
Waste Description:				Organic non-halogenated pesticide and herbicide wastes	
Waste Code:			243 D		
Waste Description:				PCB	
Waste Code:			263 L		
Waste Description:				Misc. waste organic chemicals	
Waste Code:			263 I		
Waste Description:				Misc. waste organic chemicals	
Waste Code:			263 B		
Waste Description:				Misc. waste organic chemicals	

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NE/165.7

141.4

ONTARIO MIN. OF THE ENVIR. S. PEEL W.
HERRIDGE P.S.
MISSISSAUGA ON

CA

Certificate #: 7-0014-86-
Application Year: 86
Issue Date: 2/4/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Project Description::					
Contaminants::					
Emission Control::					
11	1 of 1	NNE/180.5	143.9	2250 Homelands Drive Mississauga ON	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:	20120420009				
Addit. Info Ordered::					
Report Date:	4/26/2012 10:08:06 AM				
Report Type:	Custom Report				
Search Radius (km):	0.25				
12	1 of 1	SSW/185.5	149.8	Plymouth Dr Winston Churchill Blvd Oakville ON	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:	20131108011				
Addit. Info Ordered::					
Report Date:	18-NOV-13				
Report Type:	Standard Report				
Search Radius (km):	.25				
13	1 of 5	N/189.1	149.8	Peel District School Board 2420 Homelands Drive Mississauga ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:	ON9208692				
Approval Yrs.:	As of May 2015				
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	221				
Waste Description:	Light fuels				
13	2 of 5	N/189.1	149.8	Peel District School Board 2420 Homelands Drive Mississauga ON L5K1H2	GEN
PO Box Num:					
Status:					
Country:					
Generator #:	Registered Canada ON9208692				
Approval Yrs.:	As of Sep 2016				
SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:					
--Details--					
		221 L			
		Light fuels			
13	3 of 5	N/189.1	149.8	2420 HOMELANDS DRIVE, MISSISSAUGA ON	PINC
Incident ID:				Health Impact:	
Incident No:	1551330			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:	RC Established			Pipeline System:	
Task No:	5314086			Depth:	
Spills Action Centre:				Pipe Material:	
Method Details:	E-mail			PSIG:	
Fuel Category:	Natural Gas			Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start Date:	2015/03/17				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	2420 HOMELANDS DRIVE, MISSISSAUGA - PIPELINE HIT - 1 ¼"				
Reported By:	Blake Frost - ENBRIDGE				
Affiliation:					
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:					
13	4 of 5	N/189.1	149.8	The Regional Municipality of Peel 2420 Homelands Dr Mississauga ON L5K 1H2	SPL
Ref No:	3151-9PC5T3				
Contaminant Code:	43				
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)				
Contaminant Quantity:	0 other - see incident description				
Incident Cause:	Leak/Break				
Incident Dt:	2014/09/26				
Incident Reason:	Unknown / N/A				
Incident Summary:	Homelands School - potable water, sediment to Sheridan Creek				
MOE Reported Dt:	2014/09/26				
Environmental Impact:	Confirmed				
Nature of Impact:	Surface Water Pollution				
Receiving Medium:					
SAC Action Class:	Watercourse Spills				
Sector Source Type:	Water Supply				
Receiving Environment:					
Incident Event:					
Site Municipality:	Mississauga				
13	5 of 5	N/189.1	149.8	2420 Homelands Drive Mississauga ON	SPL
Ref No:	0654-9SJLHX				
Contaminant Code:	35				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Quantity:		0 other - see incident description			
Incident Cause:		Leak/Break			
Incident Dt:		1/7/2015			
Incident Reason:		Operator/Human Error			
Incident Summary:		TSSA: 1.25" plastic service damage; safe			
MOE Reported Dt:		1/7/2015			
Environmental Impact:					
Nature of Impact:		Air			
Receiving Medium:					
SAC Action Class:		TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill			
Sector Source Type:					
Receiving Environment:					
Incident Event:					
Site Municipality:		Mississauga			

Unplottable Summary

Total: **40** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	THE ERIN MILLS DEVELOPMENT CORPORATION	WINSTON CHURCHILL BLVD. T86106	MISSISSAUGA CITY ON	
CA	DANIELS ANNEX CORPORATION	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	THE SPORTS AUTHORITY CANADA INC.	WINSTON CHURCHILL BLVD.	OAKVILLE TOWN ON	
CA	JAMES LUCAS PROPERTIES LTD.	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	ERIN MILLS DEVELOPMENT CORP.	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	ERIN MILLS DEVELOPMENT CORP.	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY CREDIT VALLEY RD.	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	ERIN MILLS DEV. CORP.	WINSTON CHURCHILL BLVD.	MISSISSAUGA ON	
CA	R.M. OF HALTON	WINSTON CHURCHILL BLVD.	OAKVILLE TOWN ON	
CA	ERIN MILLS DEVELOPMENT CORP.NGHB.205&206	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	JAMES LUCAS PROPETIES LTD.	WINSTON CHURCHILL BLVD	MISSISSAUGA CITY ON	
CA	R.M. OF HALTON	WINSTON CHURCHILL BLVD.	OAKVILLE TOWN ON	
CA	THE ERIN MILLS DEVELOPMENT CORP.	STREET B/W.CHURCHILL BLVD/ST.A	MISSISSAUGA ON	
CA	R.M. OF PEEL	WINSTON CHURCHILL BLVD.	MISSISSAUGA CITY ON	
CA	FRIEDMAN GROUP	SPEAKMAN DR.	MISSISSAUGA CITY ON	
CA	SOUTH WINSTON PROPERTIES INC.	PLYMOUTH DRIVE	OAKVILLE TOWN ON	

CA	PINETREE DEVELOPMENT CO. LTD.	PLYMOUTH DR., SUB. PHASE 1	OAKVILLE TOWN ON
CA	PINETREE DEVELOPMENT CO. LTD.	PLYMOUTH DR., SUB. PHASE 1	OAKVILLE TOWN ON
CA	PINETREE DEVELOPMENT CO. LTD.	BRISTOL CIRCLE PURPLE KNIGHTS	OAKVILLE TOWN ON
CA	PINETREE DEVELOPMENT CO. LTD.	BRISTOL CIRCLE PURPLE KNIGHTS	OAKVILLE TOWN ON
CA	690737 ONTARIO LIMITED	BRISTOL CIRCLE IND. SUBD.	OAKVILLE TOWN ON
CA	690737 ONTARIO LIMITED	BRISTOL CIRCLE	OAKVILLE TOWN ON
CA	690737 ONTARIO LIMITED	BRISTOL CIRCLE	OAKVILLE TOWN ON
CA	PINETREE DEVELOPMENT CO. LTD.	BRISTOL CIRCLE	OAKVILLE TOWN ON
CA	DROF BUILDINGS LTD.	WINSTON CHURCHILL BLVD. SUBD.	MISSISSAUGA CITY ON
CA	Schawk Inc.	Part of Lot 1 Conc	Mississauga ON
CA	R.M. OF PEEL	WINSTON CHURCHILL BLVD.	OAKVILLE TOWN ON
CA	The Corporation of the City of Mississauga	Lot 1 and Conc. 1	Mississauga ON
ECA	The Corporation of the City of Mississauga	Winston Churchill Boulevard	Mississauga ON
ECA	Metrolinx	Part of Lot 1	City of Mississauga ON
EHS		Winston Churchill Blvd	Mississauga ON
GEN	Enbridge Gas Distribution Inc.	Part of Lot 35, Conc. 1, South of Dundas St. E side of Winston Churchill, N of Sheridan Park Dr	Mississauga ON
SPL		Winston Churchill Blvd	Mississauga ON
SPL	UNION GAS LTD.	WINSTON CHURCHILL BL. PIPELINE/COMPRESSOR STATION	MISSISSAUGA CITY ON
SPL	CONSUMERS GAS	LISGARD STN. WINSTON CHURCHILL BLVD REGULATOR/COMPRESSOR STATION	MISSISSAUGA CITY ON
SPL	Enersource Hydro Mississauga Inc.		Mississauga ON
SPL	Chrysler Transport<UNOFFICIAL>	just East of Winston Churchill Blvd	Mississauga ON
SPL		near Winston Churchill Blvd HWY 403 EB <UNOFFICIAL>	Mississauga ON

SPL	Enersource Hydro Mississauga Inc.		Mississauga ON
SPL	Samuel, Son, & Co., Inc.<UNOFFICIAL>	Toronto Bound Lanes of QEW - just East of Winston Churchill Dr.	Oakville ON

Unplottable Report

Site: THE ERIN MILLS DEVELOPMENT CORPORATION
WINSTON CHURCHILL BLVD. T86106 MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0468-89-
Application Year: 89
Issue Date: 3/29/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: DANIELS ANNEX CORPORATION
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0606-88-
Application Year: 88
Issue Date: 5/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: THE SPORTS AUTHORITY CANADA INC.
WINSTON CHURCHILL BLVD. OAKVILLE TOWN ON

Database:
CA

Certificate #: 8-3409-96-
Application Year: 96
Issue Date: 9/5/1996
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: EMERGENCY GEN-SET FOR RETAIL PLAZA
Contaminants:: Nitrogen Oxides
Emission Control:: No Controls

Site: JAMES LUCAS PROPERTIES LTD.
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-0592-86-

Application Year: 86
Issue Date: 6/13/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ERIN MILLS DEVELOPMENT CORP.
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-0826-89-
Application Year: 89
Issue Date: 6/7/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ERIN MILLS DEVELOPMENT CORP.
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1837-88-
Application Year: 88
Issue Date: 10/30/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MISSISSAUGA CITY CREDIT VALLEY RD.
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0120-87-
Application Year: 87
Issue Date: 2/20/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ERIN MILLS DEV. CORP.
WINSTON CHURCHILL BLVD. MISSISSAUGA ON

Database:
CA

Certificate #: 7-0649-85-006
Application Year: 85
Issue Date: 8/6/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF HALTON
WINSTON CHURCHILL BLVD. OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-0648-94-
Application Year: 94
Issue Date: 7/19/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ERIN MILLS DEVELOPMENT CORP.NGHB.205&206
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1138-89-
Application Year: 89
Issue Date: 6/28/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: JAMES LUCAS PROPETIES LTD.
WINSTON CHURCHILL BLVD MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0752-86-
Application Year: 86
Issue Date: 6/13/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::

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

Site: R.M. OF HALTON
WINSTON CHURCHILL BLVD. OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-0869-94-
Application Year: 94
Issue Date: 7/19/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: THE ERIN MILLS DEVELOPMENT CORP.
STREET B/W.CHURCHILL BLVD/ST.A MISSISSAUGA ON

Database:
CA

Certificate #: 3-1779-98-
Application Year: 98
Issue Date: 12/9/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF PEEL
WINSTON CHURCHILL BLVD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-0720-97-
Application Year: 97
Issue Date: 7/29/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: FRIEDMAN GROUP
SPEAKMAN DR. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1493-86-
Application Year: 86

Issue Date: 12/29/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **SOUTH WINSTON PROPERTIES INC.**
PLYMOUTH DRIVE OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-0354-88-
Application Year: 88
Issue Date: 3/30/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **PINETREE DEVELOPMENT CO. LTD.**
PLYMOUTH DR., SUB. PHASE 1 OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-1451-88-
Application Year: 88
Issue Date: 9/15/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **PINETREE DEVELOPMENT CO. LTD.**
PLYMOUTH DR., SUB. PHASE 1 OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1693-88-
Application Year: 88
Issue Date: 9/15/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: PINETREE DEVELOPMENT CO. LTD.
BRISTOL CIRCLE PURPLE KNIGHTS OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1790-88-
Application Year: 88
Issue Date: 10/3/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: PINETREE DEVELOPMENT CO. LTD.
BRISTOL CIRCLE PURPLE KNIGHTS OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-1536-88-
Application Year: 88
Issue Date: 10/3/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: 690737 ONTARIO LIMITED
BRISTOL CIRCLE IND. SUBD. OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1586-88-
Application Year: 88
Issue Date: 9/2/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: 690737 ONTARIO LIMITED
BRISTOL CIRCLE OAKVILLE TOWN ON

Database:
CA

Certificate #: 7-1189-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::

Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: 690737 ONTARIO LIMITED
BRISTOL CIRCLE OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1388-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: PINETREE DEVELOPMENT CO. LTD.
BRISTOL CIRCLE OAKVILLE TOWN ON

Database:
CA

Certificate #: 3-1832-88-
Application Year: 88
Issue Date: 10/3/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: DROF BUILDINGS LTD.
WINSTON CHURCHILL BLVD. SUBD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1336-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Schawk Inc.
Part of Lot 1 Conc Mississauga ON

Database:
CA

Certificate #: 9237-7MCVSC
Application Year: 2009
Issue Date: 1/6/2009

Approval Type: Air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *R.M. OF PEEL
WINSTON CHURCHILL BLVD. OAKVILLE TOWN ON*

Database:
[CA](#)

Certificate #: 3-1398-86-
Application Year: 86
Issue Date: 8/7/1987
Approval Type: Municipal sewage
Status: Approved in 1987
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Corporation of the City of Mississauga
Lot 1 and Conc. 1 Mississauga ON*

Database:
[CA](#)

Certificate #: 2093-8EXP5F
Application Year: 2011
Issue Date: 6/21/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Corporation of the City of Mississauga
Winston Churchill Boulevard Mississauga ON*

Database:
[ECA](#)

Approval No: 5659-96EQU8
Project Type: Municipal and Private Sewage
Date: 10-APR-13
Status: Approved
Longitude:
Latitude:
Record Type:
PDF URL:
Full Address:

Site: *Metrolinx
Part of Lot 1 City of Mississauga ON*

Database:
[ECA](#)

Approval No: 0445-9YVPCU

Project Type: Municipal and Private Sewage Works
Date: 7/30/15
Status: Approved
Longitude:
Latitude:
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/4036-9YVJFG-14.pdf
Full Address: Eglinton Avenue West Part of Lot 1, Concession 6 E..S. City of Mississauga, Regional Municipality of Peel

Site: **Winston Churchill Blvd Mississauga ON**

Database:
EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20130306016
Addit. Info Ordered::
Report Date: 15-MAR-13
Report Type: Custom Report
Search Radius (km): .25

Site: **Enbridge Gas Distribution Inc.**
Part of Lot 35, Conc. 1, South of Dundas St. E side of Winston Churchill, N of Sheridan Park Dr Mississauga ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON6134180
Approval Yrs.: 2013
SIC Code: 221210
SIC Description: NATURAL GAS DISTRIBUTION

--Details--

Waste Code: 243
Waste Description: PCBS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: **Winston Churchill Blvd Mississauga ON**

Database:
SPL

Ref No: 8340-6Y3N2K
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 30 L
Incident Cause: Other Transport Accident
Incident Dt:
Incident Reason: Error- Operator error
Incident Summary: TT: roll-over on QEW- 20 to 30L diesel to grnd & snow
MOE Reported Dt: 2/3/2007
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Transport Truck
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: UNION GAS LTD.
WINSTON CHURCHILL BL. PIPELINE/COMPRESSOR STATION MISSISSAUGA CITY ON

Database:
SPL

Ref No: 40087
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 8/30/1990
Incident Reason: UNKNOWN
Incident Summary: UNION GAS -MAJOR GAS-LINEBREAK, STRONG ODOURS THROUGHOUT MISSISSAUGA.
MOE Reported Dt: 8/30/1990
Environmental Impact: POSSIBLE
Nature of Impact: Human health
Receiving Medium: AIR
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21102

Site: CONSUMERS GAS
LISGARD STN. WINSTON CHURCHILL BLVD REGULATOR/COMPRESSOR STATION MISSISSAUGA CITY ON

Database:
SPL

Ref No: 141
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PROCESS UPSET
Incident Dt: 2/8/1988
Incident Reason: OTHER
Incident Summary: SMALL GAS LEAK
MOE Reported Dt: 2/8/1988
Environmental Impact: NOT ANTICIPATED
Nature of Impact: OTHER
Receiving Medium: AIR
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21102

Site: Enersource Hydro Mississauga Inc.
Mississauga ON

Database:
SPL

Ref No: 4022-9LERFW
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Quantity: 40 L
Incident Cause: Collision/Accident
Incident Dt: 2014/06/25
Incident Reason: Unknown / N/A
Incident Summary: 40L pcb (14ppm) transformer oil to road, cb, cleaning
MOE Reported Dt: 2014/06/25
Environmental Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Transformer
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: Chrysler Transport<UNOFFICIAL>
just East of Winston Churchill Blvd Mississauga ON

Database:
SPL

Ref No: 7087-9SX57T
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 300 L
Incident Cause: Collision/Accident
Incident Dt: 1/19/2015
Incident Reason: Road Conditions
Incident Summary: Hwy 401 Mississauga 300 L of dsl to shoulder
MOE Reported Dt: 1/19/2015
Environmental Impact:
Nature of Impact:
Receiving Medium:
SAC Action Class: Highway Spills (usually highway accidents)
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: near Winston Churchill Blvd HWY 403 EB <UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No: 0714-6S594W
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 18 L
Incident Cause: Overturn - Truck Or Trailer
Incident Dt: 7/28/2006
Incident Reason: Other - Reason not otherwise defined
Incident Summary: MVA Hwy 403: 4 gal of hydr. oil on grnd
MOE Reported Dt: 7/28/2006
Environmental Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other Motor Vehicle
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: Enersource Hydro Mississauga Inc.
Mississauga ON

Database:
SPL

Ref No: 8785-9KBJTE
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Quantity: 118 L
Incident Cause: Leak/Break
Incident Dt: 2014/04/28
Incident Reason: Equipment Failure
Incident Summary: Enersource Hydro: 118L non PCB transformer oil to grd
MOE Reported Dt: 2014/05/21
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium:
SAC Action Class: Land Spills
Sector Source Type: Transformer
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: Samuel, Son, & Co., Inc.<UNOFFICIAL>

Database:
SPL

Toronto Bound Lanes of QEW - just East of Winston Churchill Dr. Oakville ON

Ref No: 5338-8YFGP8
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 750 L
Incident Cause: Unknown / N/A
Incident Dt: 24-SEP-12
Incident Reason: Unknown / N/A
Incident Summary: Samuel Transportation: Unkn Qty Diesel to Ditch, QEW
MOE Reported Dt: 24-SEP-12
Environmental Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Truck - Only Saddle Tanks
Receiving Environment:
Incident Event:
Site Municipality: Oakville

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 2016

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-Nov 2016

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

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 - Oct 2016

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 2014

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*

Commercial Fuel Oil Tanks:

Provincial [CFOT](#)

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

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 - Oct 2016

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 31, 2012

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-Mar 2017

Certificates of Property Use:

Provincial [CPU](#)

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

Government Publication Date: 1994-Apr 2017

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-Aug 2015

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-Mar 2017

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Apr 2017

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-Mar 2017

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-Aug 2016

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](#)

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial [EXP](#)

List of facilities with removed tanks which were once 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 automatically fall under the expired facilities inventory held by TSSA.

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: June 2000-Aug 2016

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-Sept 2003

Fuel Storage Tank:

Provincial **FST**

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

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-Sep 2016

Greenhouse Gas Emissions from Large Facilities:

Federal **GHG**

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents:

Provincial **HINC**

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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**

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, 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. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2017

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, 2014

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-Aug 2010

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 2016

National Energy Board Wells:

Federal

NEBW

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: 1993-2014

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-Jan 2017

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-Oct 2016

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Apr 2017

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

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-Oct 2016

TSSA Pipeline Incidents:

Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Apr 2017

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: 1986-2013

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-Apr 2017

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 - Oct 2016

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-Dec 2016

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: 1990-2014

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-Jan 2015

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.

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: 1970-Mar 2017

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: Jun 30, 2016

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.



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B

MOECC FOI Correspondence and Spill Reports

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

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

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

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

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télééc.: (416) 314-4285



October 13, 2017

Kathleen Langstaff
R.J. Burnside & Associates Ltd.
15 Townline
Orangeville, ON L9W 3R4



Dear Kathleen Langstaff:



RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2017-07113, Your Reference 300039474.0000

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

The search is being conducted on the following: 2345 Winston Churchill Blvd, Mississauga. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Jeneska Abano at jeneska.abano@ontario.ca.

Yours truly,


Janet Dadufalza
FOI Manager

Ministry of the Environment
and Climate Change

Ministère de l'Environnement et de
l'Action en matière de changement
climatique



Freedom of Information and
Protection of Privacy Office

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

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

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télec.: (416) 314-4285



Kathleen Langstaff
R.J. Burnside & Associates Ltd.
15 Townline
Orangeville, ON L9W 3R4

Dear Kathleen Langstaff:

**RE: Freedom of Information and Protection of Privacy Act Request
Our File #: A-2017-07113, Your Reference #: 300039474.0000**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2345 Winston Churchill Blvd, Mississauga.

After a thorough search of the Ministry's Halton Peel District Office, Environmental Approvals Branch, Sector Compliance Branch and Safe Drinking Water Branch, records were located in response to your request. It is my decision to provide full access to the attached information.

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, detailed below are our charges:

• Search Time 1 hour @ \$30/hour	\$ 30.00
• Copying 4 pages @ \$0.20/page	\$ 0.80
• Delivery	3.00
• Total	\$ 33.80
• Deposit Received	- 30.00
• BALANCE WAIVED (NOT REQUIRED)	\$ 3.80

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 Rhea Fernandes at rhea.fernandes@ontario.ca.

Yours truly,

for Janet Dadufalza
FOI Manager

Attachments



OCCURENCE REPORT

Location of Occurrence: MISSISSAUGA CITY UNION GAS-OAKVILLE SHERIDAN 2345 WINSTON CHURCHILL BLVD Reg: 3 Dist: HP Municipality: 21102		Source: UNION GAS LTD. TRAFALGAR COMPRESSOR STATION 6627 TENTH LINE, MISSISSAUGA Sector: PE Source: PL SIC: 4921 UTM: N: [] E: [] Zone: []	
Entered: 1992/08/24 10:34	ORIS No. 9230001254	Abstracts:	Diaries:
Received By: MICHEL CATTAN		Batch: 1268	I. E. B. No.
Occurrence Type: S	Subtype: L	Occurrence Date:	1992/08/21
Work Plan:		Occurrence Time:	
Reported By: JOHN BREMNER UNION GAS		Report to MOE: 1992/08/24 10:34 MOE at Scene:	
Telephone No. 519-352-3100 x	Alternate No. 519-753-8611 x	Assigned To:	GERRY HEALY
Address: CHATHAM		ERP Contacted: Callout: [] NSP: [N] ERP Name:	
Postal Code:			
Syn: 205L PETROLEUM OIL FOUND WHILE CLEANING UP UNDER- GROUND LINE.SOURCE UNKN'N			
Brief Summary: CALLER REPORTS 45GAL OIL WAS FOUND AT THE ABOVE MENTIONED LOCATION WHILE CLEANING UP A GAS LINE. CONTRACTOR DID NOT BELEIVE QUANTITY WAS SUBSTANTIAL TO BE REPORTED. SOIL IS BEING EXCAVATED NOW. OIL SAMPLE WAS SEND TO A LAB &CALLER WILL UPDATE WHEN LAB RESULTS WILL BE AVAILABLE.			
If there are related reports, record initial/master ORIS No. here >> 9209397			
Followup Action: Abatement IEB Other BF Date: FIELD REPORT RECEIVED ON 93/04/22. SAMPLES TESTED REGULAR PETROLEUM OIL, SOIL REMOVED TO LANDFILL SITE. FILE CLOSED.			
File Closed: X Abatement: IEB Other Suspected Violation:			
Report Prepared By: GERRY HEALY	Date: 13/12/91	IEB Investigator:	IEB BF Date
Approving Officer ROBERT ADCOCK	Date: 15/04/93	Reviewing Officer:	Date
Specify number(s) for routing Original [] [] [] [] [] []		Continued [] Yes	
Specify number(s) for copy distribution [] [] [] [] [] []			
1. Investigator/E.O.	2. D. O. /File	3. SAC (initial spills)	
4. Reg. Dir. / _____ Mgr.	5. IEB Reg. Spv	6. IEB H.O./file	7. Other _____
SAC Action Class: 1:25 2:			

Material 1: PETROLEUM OIL (N.O.S.)	Code : 15
Amount : 205 L	UN No.: 1270
Material 2:	Code :
Amount :	UN No.:

Material 3:		Code :
Amount :		UN No.:
Cause.....:		Code...: 98
Reason.....:		Code...: 98
Person in Control: UNION GAS		Waste GenNum :
Owner.....: UNKNOWN		Waste GenNum :
Agencies Involved.....:		
Clean up and Restoration Carried out by:		
<input checked="" type="checkbox"/> Controller	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Other UNION GAS
N	N	
% Cleaned up: 99		Estimated Cost:
Were Directions or Approval Given Under		
EPA Part X <input checked="" type="checkbox"/>	Regulation 362 <input checked="" type="checkbox"/>	Manifest No.
N	N	
Waste Class :		Code...: 000
Hauler :		Code...:
Disposal Site :		Code...:
Environmental Impact:	Nature of Impact:	
C	Soil contamination	Code...: 07
People/Business Damaged		
(Other than to Owner/Controller):		
Nature of Damage:		Code...:



OCCURENCE REPORT

Location of Occurrence: MISSISSAUGA CITY 2345 WINSTON CHURCHILL BLVD Reg: 3 Dist: HP Municipality: 21102		Source: UNION GAS LTD. TRAFALGAR COMPRESSOR STATION 6627 TENTH LINE, MISSISSAUGA Sector: PE Source: PL SIC: 4921 UTM: N: [] E: [] Zone: []	
Entered: 1992/08/27 08:15	ORIS No. 9230001229	Abstracts:	Diaries:
Received By: LISA LOCKERBY		Batch: 1268	I. E. B. No.
Occurrence Type: S	Subtype: L	Occurrence Date:	1992/08/26
Work Plan:		Occurrence Time:	19:30
Reported By: MELANIE MACDONALD UNION GAS		Report to MOE : 1992/08/27 08:15 MOE at Scene:	
Telephone No. 519-352-3100 x	Alternate No. - - x	Assigned To:	GRANT YARROW
Address: CHATHAM		ERP Contacted: Callout: [] ERP Name:	NSP: [N]
Postal Code:			
Syn: UNION GAS: 900L H2O WITH POSSIBLE TRACES NATURAL GAS TO GRND FROM PIPELINE			
Brief Summary: CALLER REPORTED APPROXIMATELY 200 GALLONS SLIGHTLY DISCOLOURED WATER DISCHARGED ONTO THE GROUND WHILE UNION GAS WERE CLEANING OUT THE LINE USING COMPRESSED AIR. SAMPLES TAKEN TO DETERMINE IF WATER WAS CONTAMINATED. LAB ANALYSIS WILL LIKELY BE COMPLETED WITHIN THE NEXT FEW DAYS. UNION GAS HIRED A CONTRACTOR TO EXCAVATE 6" OF GROUND & REPLACE WILL CLEAN FILL & SOD. If there are related reports, record initial/master ORIS No. here >> 9209538			
Followup Action: X Abatement IEB Other BF Date: NO FURTHER ACTION REQUIRED.			
File Closed: X Abatement: IEB Other Suspected Violation:			
Report Prepared By: GRANT YARROW	Date: 28/08/92	IEB Investigator:	IEB BF Date
Approving Officer ROBERT ADCOCK	Date: 31/08/92	Reviewing Officer:	Date
Specify number(s) for routing Original [] [] [] [] []		Continued [] Yes	
Specify number(s) for copy distribution [] [] [] [] [] []			
1. Investigator/E.O.	2. D. O. /File	3. SAC (initial spills)	
4. Reg. Dir. / _____ Mgr.	5. IEB Reg. Spv	6. IEB H.O./file	7. Other _____
SAC Action Class: 1:14 2: 25			

Material 1: OILY WATER (N.O.S.)	Code : 41
Amount : 900 L	UN No.:
Material 2:	Code :
Amount :	UN No.:

Material 3:		Code :
Amount :		UN No.:
Cause.....:		Code...: 10
Reason.....:		Code...: 01
Person in Control: UNION GAS		Waste GenNum :
Owner.....: UNION GAS		Waste GenNum :
Agencies Involved.....:		
Clean up and Restoration Carried out by:		
<input checked="" type="checkbox"/> Controller	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Other
Y	Y	
% Cleaned up: 50		Estimated Cost:
Were Directions or Approval Given Under		
EPA Part X <input checked="" type="checkbox"/>	Regulation 362 <input checked="" type="checkbox"/>	Manifest No.
N	N	
Waste Class :		Code...: 000
Hauler :		Code...:
Disposal Site :		Code...:
Environmental Impact:	Nature of Impact:	
P	Soil contamination	Code...: 07
People/Business Damaged		
(Other than to Owner/Controller):		
Nature of Damage:		Code...:



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Appendix C

TSSA Correspondence

Kathleen Langstaff

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Monday, October 16, 2017 12:35 PM
To: Kathleen Langstaff
Subject: RE: 2345 Winston Churchill Blvd., Mississauga - TSSA Record Search

Hello Kathleen,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (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.

Thank you and have a great day,

Sherees



Sherees Thompson | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org



From: Kathleen Langstaff [mailto:Kathleen.Langstaff@rjburnside.com]
Sent: Wednesday, October 11, 2017 11:29 AM
To: Public Information Services
Subject: 2345 Winston Churchill Blvd., Mississauga - TSSA Record Search

TSSA record search:

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

2345 Winston Churchill Blvd., Mississauga, Ontario



Kathleen Langstaff, P.Geo., QP_{ESA}
Geoscientist

R.J. Burnside & Associates Limited
15 Townline, Orangeville, ON L9W 3R4
Office Tel: [800-265-9662](tel:800-265-9662) Direct Tel: [519-938-3034](tel:519-938-3034)
Email: kathleen.langstaff@rjburnside.com
www.rjburnside.com



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Appendix D

Region of Peel Correspondence and Spill Report

November 23, 2017
File: WP PG-01.00

R.J. Burnside & Associates Limited
15 Townline
Orangeville, ONT
L9W 3R4

Public Works

3515 Wolfedale Rd.
Mississauga, ON
L5C 1V8
tel: 905-791-7800

peelregion.ca

ATTENTION: Kathleen Langstaff

Dear Ms Langstaff:

**SUBJECT: Sheridan Park Drive Extension
Your Project No.: 300039474.0000**

The Environmental Control Section, Wastewater Division, Public Works Department, Regional Municipality of Peel is responsible for the enforcement of Wastewater Bylaw 53-2010.

We have reviewed our records with regard to the above property and find that we do not have a record of any violations, infractions or outstanding orders under Wastewater Bylaw 53-2010 and the former Sewer Use By-laws 90-90 and 9-75.

There is one spill events for the above property listed in our files (copy enclosed).

For information pertaining to waste disposal sites within the Region of Peel, a copy of this request is being forwarded to Munir Ahmad of the Waste Program Planning Section (905-791-7800, Ext. 4891). You can also contact the Ministry of the Environment Halton/Peel district office (1-800-335-5906 or 905-319-3847) for more information.

For information pertaining to stormwater By-law issues, please contact Katrina Macdonald of the City of Mississauga Transportation & Works Department, Environmental Engineering Section (905-615-3200, Ext. 3165). Please note additional fees are required; a copy of this request is being forwarded.

Although a careful review of the records in the custody of the Environmental Control Section has been conducted in response to your request, the Region of Peel makes no warranties or representations, express or implied, concerning the accuracy, reliability or completeness of the information contained in this letter. All information from these records is being provided on an "as is" basis, and the responsibility for any consequences of using the information for any purpose whatsoever rests with the person who has requested it.

Page 2
R.J. Burnside & Associates Limited

If you have any questions, please feel free to contact me at (905) 791-7800, Ext. 3113.

Yours truly,



Sophie Perovic
Inspector
Environmental Control Section
Wastewater Division
Public Works Department

Public Works

3515 Wolfedale Rd.
Mississauga, ON
L5C 1V8
tel: 905-791-7800

peelregion.ca

SP/KK

cc: Munir Ahmad, Waste Program Planning, Regional Municipality of Peel
Katrina Macdonald, Transportation & Works Department, City of
Mississauga

Enclosure



Waste Management

OPC 2.0

Complaint/Spill Report

C94-162

Reported By City of Mississauga (Joe Hamilton)	Tel (905) 896-5942	Yr. 94	Mo. 06	Day 13	Time 10 :00 am
Address City of Mississauga					Postal Code

Spill **Complaint**

Location Storm outfall at Sheridan Park Drive and Homelands Drive
Source of Contaminant Unknown
Material Spilled Green and grey oil based paint
Quantity Unknown
Owner of Pollutant Unknown
Telephone ()
Controller of Pollutant City of Mississauga
Telephone ()

Investigated By Steven E. Runowski <i>S. E. Runowski</i>	Yr. 94	Mo. 06	Day 13	Time 10 : 30 am
---	-----------	-----------	-----------	--------------------

Investigation/Action Taken/Status

I met with Joe Hamilton and Michelle Charboneau of the City at the storm outfall. A significant amount of paint was trapped in the outfall and in the storm sewer pipe. Existing booms prevented the release of the paint any further. The City of Mississauga hired Philip Environmental to pump out the paint in the outfalls. We were unable to determine who the discharger of the paint was. At 4:30 pm, Philip Environmental arrived and with the assistance of the Mississauga Fire Department (Flushing of the storm sewer) the outfall was cleaned up.

ENTERED OCT 23 1995

Agencies Notified:

Police Fire MOE Other(specify) City of Mississauga

Billing:

Required Yes No To: Owner Controller

Man Hours 3 (Reg) 3 (O/T) Van Mileage _____ km

Van Hours _____ Non-Van Mileage _____

Regional Materials and Services: 20 pads

Will billing be made to Region from outside agency (ies)? Yes No If yes, give details:

Clean-Up/Disposal:

By: Owner Carrier Region Other (specify)

How Disposed: Philip Environmental

MOE Approval (For Region-Crossed Work Only) To: City of Mississauga

Given By Gerry Healy Branch Oakville

Emergency # _____ Date June 13, 1994

Restoration:

Restoration Required No Yes (specify) _____

Restoration to be performed by:

Additional Remarks/Follow-Up

Report Prepared By:

Name: Steven E. Runowski

Title: Technical Analyst

Date: June 16, 1994

December 8, 2017

Kathleen Langstaff
Burnside
6990 Creditview Road
Mississauga, ON L5N 8R9

P: 519.938.3034
F: 519.941.8120

Re: Sheridan Park Drive Extension

Dear Ms. Langstaff:

The Regional Municipality of Peel's Waste Management Division received your inquiry on December 6, 2017. We have reviewed the Region's records for the above property and have found no records which indicate the existence of a municipal waste disposal site or hazardous wastes on the subject property or in the vicinity of the area.

The records of the Regional Municipality of Peel concerning the location and nature of waste disposal sites or hazardous wastes are incomplete. The Regional Municipality of Peel makes no representation that the records may be relied upon in determining whether or not lands have been used for the disposal of wastes or hazardous wastes. The Region's response is provided in an effort to assist the inquirer in making their own determinations as to the integrity of the subject property. If there are any doubts as to the integrity of this or any property, we recommend that a qualified Geotechnical Engineer carry out a detailed soil investigation. If it is found that the subject lands have been used for the disposal of waste or hazardous waste, then approval of the Minister, for the proposed use, as per Section 46 of the Environmental Protection Act (Ontario), may be required.

This response is not intended for general circulation or publication. The Region does not assume any responsibility or liability for losses occasioned to you or third parties as a result of circulation, publication, reproduction or use of this report by third parties. The Region reserves the right to alter its opinion on the status of the site in light of further information that may be provided. Further, the Region specifically disclaims any undertaking or obligation to advise any person of any change in fact or matter impacting this opinion as may become available or brought to its attention after the date hereof. The advice provided in this report should not be a substitute for conducting your own investigations of the site.

For additional information, please contact the Ministry of Environment Halton-Peel District Office: 4145 North Service Road, Suite 300, Burlington, ON, L7L 6A3 or call 1-905-319-3847 or Toll Free 1-800-335-5906.

Public Works

10 Peel Centre Dr., Suite A, Brampton, ON L6T 4B9
Tel: 905-791-7800 www.peelregion.ca

Please note that future inquiries regarding waste disposal sites should be sent to the undersigned (Munir Ahmad).

Sincerely,

Morgan Chandler | Assistant Technical Analyst

Waste Management | Public Works
Region of Peel, Public Works Department
10 Peel Centre Dr., Suite A, 4th fl. | Brampton, ON
Tel: 905.791.7800 ext. 4652
Email: morgan.chandler@peelregion.ca



Munir Ahmad
Technical Analyst, Waste Operational Planning
Waste Management Division
10 Peel Centre Dr., Suite A, 4th Flr.
Brampton, ON
905-791-7800 ext. 4891

Public Works

10 Peel Centre Dr., Suite A, Brampton, ON L6T 4B9
Tel: 905-791-7800 www.peelregion.ca



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Appendix E

Interview

Kathleen Langstaff

From: Katrina MacDonald <Katrina.MacDonald@mississauga.ca>
Sent: Friday, November 03, 2017 11:03 AM
To: Kathleen Langstaff
Subject: RE: follow up - interview questions for Phase One ESA for Sheridan Park Drive Extention (project no. 300039474)

Morning Kathleen,

Please see below for the City's response to the interview questions.

1. How long have you been familiar with the Site?
I have been with the City of Mississauga for 14 months.
2. What was the property used for in the past?
Based on a review of aerial photographs, it appears this property has never been developed.
3. Have there been any buildings removed from the Site?
Based on a review of aerial photographs, it appears this property has never been developed.
4. Has fill material been placed on the Site to raise the grade?
Not to my knowledge.
4. Have there ever been any fuel tanks on the property that have been removed?
Not to my knowledge.
6. Have there been any fuel spills on the Site or adjacent to the Site?
The City of Mississauga has conducted a review of our available records and no violations of the Storm Sewer Use By-Law No. 259-05 were identified. As the City of Mississauga is part of a two-tier municipality, the Region of Peel is responsible for spill response services. Please contact them for further details regarding spill reporting for the area.

Kind regards,



Katrina MacDonald, P.Eng.
Environmental Coordinator, Site Assessments
T 905-615-3200 ext.3165
katrina.macdonald@mississauga.ca

Please consider the environment before printing.



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Appendix F

Photographs



Photo 1: Looking eastward at grass covered Site, from west end of Site.



Photo 2: Road barrier at Sheridan Park Drive at east end of Site.



Photo 3: Looking east (towards Sheridan Park Drive) along utility corridor and trail north of Site.



Project Name	Sheridan Park Drive Extension Phase One ESA
Project No.	300039474.0000
Date of Site Visit	June 16, 2017



Photo 4: Looking west (to Winston Churchill Blvd.) along utility corridor and trail north of Site.



Photo 5: Looking north at residential properties north of utility corridor.



Photo 6: Groundwater seep on Site.



Photo 7: Dumping – Brush dumped on Site.



Photo 8: Dumping – Brush dumped on Site.



Photo 9: Dumping – Brush, brush and plastic dumped on Site.



Photo 10: Dumping – Brush and concrete rubble dumped on Site.



Photo 11: Dumping – Plaster, wood, metal and aerosol cans dumped on Site.



Photo 12: Dumping – Concrete dumped on Site.



Photo 13: Dumping – Brush and concrete dumped on Site.



Photo 14: Dumping – Bricks dumped on Site.