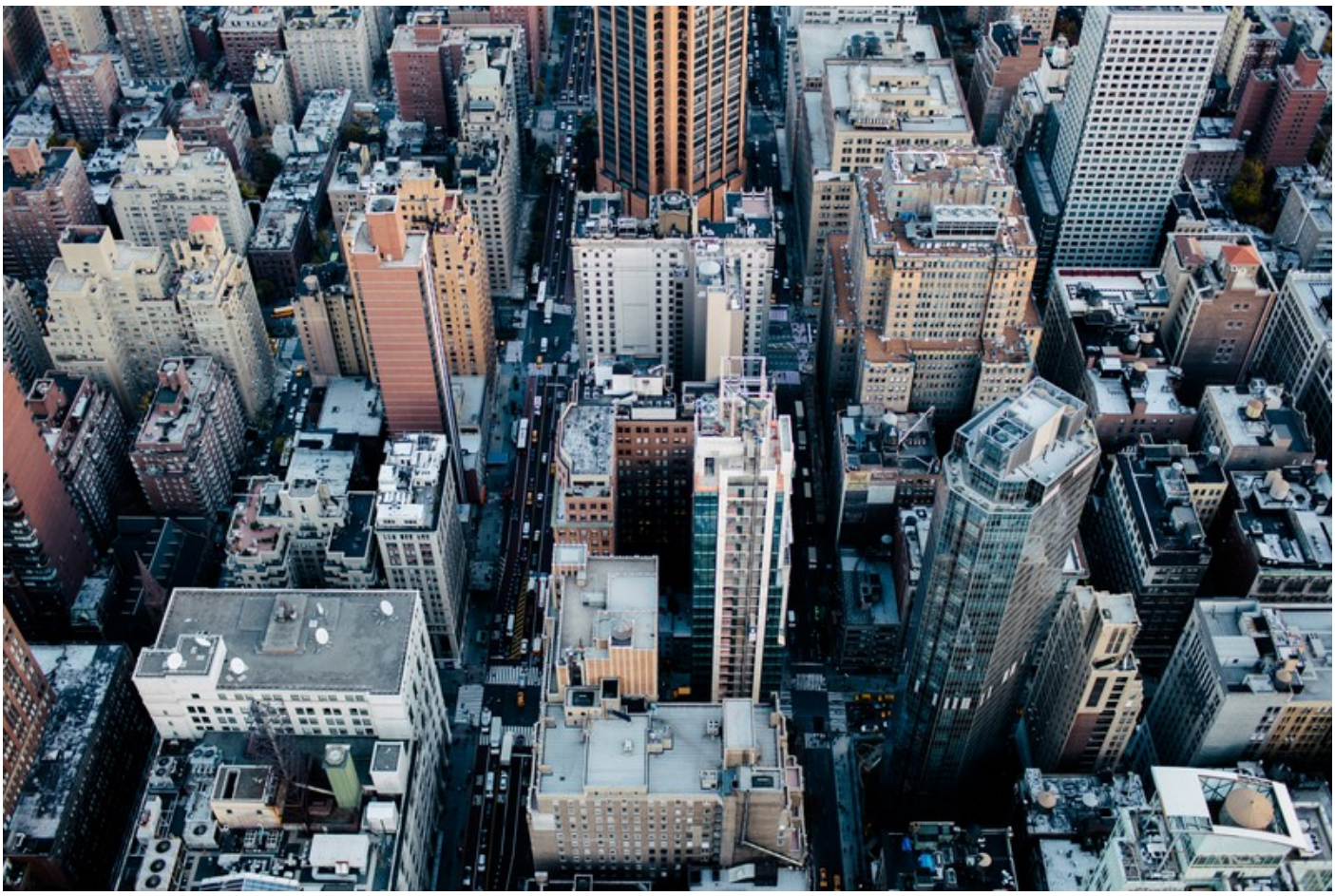
Phase One Environmental Site Assessment

50 Sherwood Heights Drive Oakville, Ontario

Infrastructure Ontario

December 03, 2021



→ The Power of Commitment

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1. Executive Summary

GHD Limited (GHD) was retained by Ontario Infrastructure and Lands Corporation (IO) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 50 Sherwood Heights Drive in the Town of Oakville, Ontario (hereinafter referred to as the Site or Property). The Site is currently owned by Her Majesty the Queen in right of Ontario as represented by the Minister of Government and Consumer Services. The Site is currently vacant with remnants of an approximately 30-car parking lot on the southern portion of the Property.

The purpose of the Phase One ESA was to identify, through a non-intrusive investigation, the existence of any Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) associated with the Site. PCAs and APECs are defined in Ontario Regulation 153/04, as amended (O. Reg. 153/04). It is GHD's understanding that the Phase One ESA was completed for due diligence purposes in support of the planned disposition of the Site.

The Site is located in the Town of Oakville, Ontario that has been developed for mixed industrial, commercial, residential and/or agricultural purposes since the late 1800s. The Site is approximately 7.583 hectares (18.739 acres) in size and is currently vacant with remnants of an approximately 30-car parking lot on the southern portion of the Property. It is generally a grassy open area that buffers the adjacent residential development from the adjacent highways (Highway 403 and Queen Elizabeth Way). The Site fronts on to Sherwood Heights Drive opposite Kingsford Gardens, a municipal park with allotment gardens and a dog park.

Based on the results of the Phase One ESA, including the Site inspection, information provided by Site representatives and regulatory agencies, documents reviewed, the review of Site history, and review of information from the regulatory agencies, the following APECs were identified to be associated with the Site:

- **APEC #1 – Former Roadway:** A roadway was historically located in the central portion of the Site oriented in a northwest to southeast orientation. The roadway was reportedly demolished in the mid-1980s. It is expected that some fill materials were used during grading of the roadway. No information was available regarding the source or quality of any fill material used to construct the parking area. As such, the fill material located on the central portion of the Property was identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) in accordance with O. Reg. 153/04, and the central portion of the Site (location of the former road) was identified as APEC #1. The likelihood that one or more contaminants have affected the Site is low for this APEC.
- **APEC #2 – Illegally Dumped Fill Materials:** Three piles of illegally dumped fill material were identified on the central portion of the Site during the Site reconnaissance. The placement of fill materials in the central portion of the Property was identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) in accordance with O. Reg. 153/04, and an area within the central portion of the Site and was identified as APEC #2. The likelihood that one or more contaminants have affected the Site is medium for this APEC.
- **APEC #3 – Transformer:** One (1) termination compartment and vault installed at an unknown date is located directly adjacent to the southern portion of the Site which potential contains a transformer. Transformer use is a PCA in accordance with O. Reg. 153/04 due to the potential of spills or leaks of PCB containing fluids to the environment. Due the close proximity to the Site and the potential release of PCBs, the termination compartment and vault south adjacent of Site was identified as a PCA (#55 - Transformer Manufacturing, Processing and Use) in accordance with O. Reg. 153/04. As such, an area within the southern portion of the Site and was identified as APEC #3. The likelihood that one or more contaminants have affected the Site is low for this APEC.
- **APEC #4 – Road Salt Application:** Road salt has been applied on the former parking area at the Site as well as along adjacent/nearby roadways during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. Bulk salt has not been stored at the Site. The application of road salt on-Site and in the vicinity of the Site has the potential to result in elevated sodium adsorption ratio (SAR) and electrical conductivity (EC) in soil, and sodium and chloride in groundwater, and would have the potential to contribute to an APEC at the Site and was identified as APEC #4. However, in accordance with paragraph 1 of Section 49.1 of O. Reg. 153/04, any potential on-Site exceedances of SAR, EC, sodium, or chloride associated with the application of the road salt would be deemed as having met the applicable Site Condition Standards. As a result,

the QP has determined that further investigation of APEC #4 is not warranted during a Phase Two ESA. The likelihood that one or more contaminants have affected the Site is high for this APEC

– **APEC #5 – Application of Pesticides:** No information was available regarding the crops historically grown at the Site, or to exclude the potential for pesticides use as part of historic agricultural practices. Application of organic, inorganic and synthetic pesticides were common practice in Ontario upon until the late 1900's. Pesticides are most commonly applied to fruiting trees or orchards, which are not known to be grown at the Site. Pesticides are a highly persistent chemical, so any historic application can still be present at the Site. For these reasons, the application of pesticides has been identified as a PCA at the Site (Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications). The potential historic application of pesticides has been identified as APEC #5 on the entire Site. The likelihood that one or more contaminants have affected the Site is low for this APEC.

2. Introduction

2.1 Phase One ESA Property Information

GHD Limited (GHD) was retained by Ontario Infrastructure and Lands Corporation (IO) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 50 Sherwood Heights Drive in Oakville, Ontario (hereinafter referred to as the Site or Property). The Site is part of PIN 24902-0740 (LT) described as Parts 1 & 4 on 20R-21774, as shown in the Parcel Register in **Appendix F**. The Site is currently owned by Her Majesty the Queen in right of Ontario as represented by the Minister of Government and Consumer Services and is currently vacant with remnants of an approximately 30-car parking lot on the southern portion of the Site. A Site Location Map and a Site Plan are provided on Figure 1 and Figure 2, respectively.

The purpose of the Phase One ESA was to identify, through a non-intrusive investigation, the existence of any PCAs and APECs associated with the Site. PCAs and APECs are defined in O. Reg. 153/04. It is GHD's understanding that the Phase One ESA was completed for due diligence purposes.

Contact information for the representative of the Property owner is listed below:

Mr. Cory Ostrowka, P. Eng.
Ontario Infrastructure and Lands Corporation
1 Dundas Street West, Suite 2000
Toronto, Ontario
M6G 1Z3
(647) 264-3331
cory.ostrowka@infrastructureontario.ca

The Site is located in the Town of Oakville, Ontario that has been developed for mixed industrial, commercial, residential and/or agricultural purposes since the late 1800s. The Site is approximately 7.583 hectares (18.739 acres) in size and is currently vacant with remnants of an approximately 30-car parking lot on the southern portion of the Site. It is generally a grassy open area that buffers the adjacent residential development from the highways. The Site fronts on to Sherwood Heights Drive opposite Kingsford Gardens, a municipal park with allotment gardens and a dog park.

3. Scope of Investigation

The Phase One ESA was conducted in accordance with the requirements of O. Reg. 153/04. The Phase One ESA was conducted by Mr. David Blair, and was reviewed by Mr. Marty Barons and Mr. Warren Croft, all of GHD. The qualifications of Mr. Blair, Mr. Barons and Mr. Croft are presented in **Appendix A**. The following tasks were conducted as part of the Phase One ESA:

– Review of an electronic environmental database search of federal, provincial, and private source databases.

- Review of available historical records including aerial photographs of the Site and surrounding area and regional geological information.
- Review of past and current Property usage and adjacent property occupancy.
- Inspection of the facilities, equipment, utility services, operations, and associated records for the Site.
- Observations of any conditions that represented potential environmental concerns.
- Review of chemical use and storage and spill/release incidents.
- Review of aboveground and underground storage tank records.
- Review of waste handling, accumulation, storage, and disposal practices.
- Review of air emissions and wastewater discharges.
- Review of equipment that potentially contains chlorofluorocarbons.
- Review of equipment that potentially contains polychlorinated biphenyls.
- Observations of potential lead-based paint.
- Observations of potential asbestos-containing materials.
- Inquiries with regulatory agencies and interviews with persons knowledgeable of the Site and Site operations.

In completing the Phase One ESA, GHD relied on information received from all parties as being accurate unless contradicted by written documentation or field observations.

The following report summarizes the information gathered by GHD during the Phase One ESA and identifies any PCAs, as defined in O. Reg. 153/04, within the Phase One ESA study area as well as any APECs associated with the Site. As required by O. Reg. 153/04, this Phase One ESA also identifies any potential contamination migration pathways and receptors associated with the Property, to the extent that the data compiled allows.

This Phase One ESA report has been prepared for the use of IO and may not be relied upon by others without the written consent of GHD.

4. Records Review

4.1 General

4.1.1 Phase One ESA Study Area Determination

The Phase One ESA study area included all properties located wholly or partially within 250 metres (m) of the boundary of the Site, as required by O. Reg. 153/04. This area has been determined by GHD to be a sufficient study area since the assessment did not identify any properties with known environmental impact or high potential to impact the Site from a distance of greater than 250 m.

The properties adjacent to the Site were visually inspected, without accessing the properties, for evidence of existing or potential environmental concerns related to the Phase One ESA. GHD also visually inspected all of the Properties within the Phase One ESA study area that were visible from the Site or surrounding streets. The following buildings or features were located on the properties surrounding the Site:

North: The Site is bounded to the north by Sherwood Heights Drive (community land use), followed by parkland and commercial land uses.

East: The Site is bounded to the east by Sherwood Heights Drive (community land use), followed by parkland and residential land uses.

South: The Site is bounded to the south by Ford Drive and Kingsway Drive (community land use), followed by a parking lot associated with the Ford Oakville Assembly Plant. GHD notes that one transformer was identified adjacent to the southern portion of Site.

West: The Site is bounded to the west by The Queen Elizabeth Way (Highway 403) (community land use).

One (1) termination compartment and vault installed at an unknown date is located directly adjacent to the southern portion of the Site which potential contains a transformer. Transformer use is a PCA in accordance with O. Reg. 153/04 due to the potential of spills or leaks of PCB containing fluids to the environment. Due the close proximity to the Site and the potential release of PCBs, the termination compartment and vault south adjacent of Site was identified as a PCA (#55 - Transformer Manufacturing, Processing and Use) in accordance with O. Reg. 153/04. As such, an area within the southern portion of the Site and was identified as **APEC #3**.

The Site representative was not aware of any environmental impacts to the Site attributable to operations conducted on adjacent lands. GHD notes that the Ford Oakville Assembly Plant is located south of the Site. Due to the distance from Site and the inferred groundwater flow direction, this property was not considered to have impacted the environmental quality of the Site and is therefore not contributing to an APEC.

4.1.2 First Developed Use Determination

Based on the discussions with the Site representative and review of historical records, the Site was developed for agricultural purposes since approximately 1878. Based on a review of aerial photographs (see Section 4.3.1), in the 1960s, the western portion of the Site was used for residential purposes with one structure historically located on the Site. This structure was demolished in the mid-1980s for the redevelopment of the Queen Elizabeth Way. A roadway historically ran through the central portion of the Site, in northwest to southeast orientation, until the mid-1980s. The Site has remained vacant land from the 1980s to present.

4.1.3 Fire Insurance Information

Fire insurance plans assist in the identification of historical land use and commonly indicate the existence and location of aboveground and underground storage tanks, structures, improvements, and facility operations. GHD contracted ERIS to search for any available fire insurance plans that include the Phase One ESA study area, and for all available fire insurance information for the Property (i.e., inspection reports and Site plans). ERIS did not identify fire insurance plans for the Phase One Property or Study Area.

4.1.4 Chain of Title

A Chain of Title search was not completed as part of this investigation.

4.1.5 Previous Environmental Reports

Previous environmental reports were not provided for review at the time of this investigation.

4.2 Regulatory Review

No concerns, complaints, notices of violation, or directives of an environmental nature issued against the Site by federal, provincial, or municipal environmental regulatory agencies have been disclosed to GHD.

An FOI request was submitted to the MECP, requesting information pertaining to environmental incidents, orders, offences, spills, discharges of contaminants, or inspections for the Phase One Property. A confirmation of receipt (File # A-2021-06961) was received on October 29, 2021. A response has not yet been received from the MECP regarding the FOI request and notification will be provided if any records are identified by the MECP file search.

The Technical Standards and Safety Authority (TSSA) was contacted by GHD and asked to provide information concerning any licensed retail fuel outlets or registered private fuel outlets located at the Site. TSSA personnel provided e-mail correspondence to GHD indicating that their records did not identify the presence of any licensed or registered underground storage tanks (USTs) at the Site.

A copy of the correspondence with the regulatory agencies is included in **Appendix B**.

4.2.1 Environmental Databases Search

GHD contracted Environmental Risk Information Services Ltd. (ERIS) to conduct a search of available federal, provincial, and private environmental databases. Based on the municipal addresses of the Site, the databases search was completed to assist in the identification of environmental conditions at the Site and on adjacent properties. No records were identified in the environmental databases to be associated with the Site. Thirty-eight records were identified to be associated with properties located within the Phase One ESA study area. The complete database search report, which also identifies limitations associated with this information, is included in **Appendix C**.

Based on the review of the information provided in the environmental databases search report, PCAs identified within the Phase One ESA study are summarized in the table below:

Property Address(es)	Referenced Database(s)	PCA(s), in accordance with O. Reg. 153/04	PCA(s) contributing to an APEC at the Property (Yes/No/Rationale)
West of intersection of Kingsway Drive and Ford Drive	ERIS SPL	PCA (A) – Spill Incident	No – Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Eastbound Queen Elisabeth Way	ERIS SPL	PCA (A) – Spill Incident	No – Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Eastbound Queen Elisabeth Way On-Ramp	ERIS SPL	PCA (A) – Spill Incident	No – Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Eastbound Queen Elisabeth Way	ERIS SPL	PCA 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	No – Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Intersection of Queen Elisabeth Way and Ford Drive	ERIS SPL	PCA (A) – Spill Incident	No – Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.

4.3 Physical Setting

Review of historical records indicated that the Site is located in an area of Oakville, Ontario that has been developed for mixed industrial, commercial, residential and/or agricultural purposes since the late 1800s.

4.3.1 Aerial Photographs

Aerial photographs were reviewed to generally document the development of the Site and properties in the vicinity of the Site, and to identify the existence of any significant actual or potential areas of environmental impairment at the Site. GHD obtained aerial photographs of the Site and surrounding area from the National Air Photo Library for the years 1960, 1979 and 1988. These photographs were suitable for use in this Phase One ESA based on the quality of the aerial imagery available for review. The earliest available aerial photograph identified for the Site was dated 1960. A summary of the review of aerial photographs and aerial images is provided below:

1960 Aerial Photograph (1:10,000): Review of the 1960 aerial photograph indicates that the Site and Study Area were primarily used for agricultural purposes. A field crop was planted across the Site and there were no orchards present. A gravel road or driveway was located in a northwest to southeast orientation oriented through the central portion of the Site. The Queen Elizabeth Highway and associated ramps were located west adjacent to Site. One residential structure was located on the western portion of Site. Joshua Creek was present south of the Site.

1979 Aerial Photograph (1:10,000): Review of the 1979 aerial photograph indicates that the roadway through the central portion of the Site, in northwest to southeast orientation, had been enlarged. Additional ramps associated with the Queen Elizabeth Way had been constructed. The residential structure on the western portion of Site was demolished. The northeastern portion of Site appeared to be used for agricultural purposes. The northwestern and western portions of the site had been disturbed since 1960.

1988 Aerial Photograph (1:10,000): Review of the 1988 aerial photograph indicates that the roadway running through the central portion of the Site, in northwest to southeast orientation, had been demolished. The Queen Elizabeth Way and associated ramps were significantly redeveloped to incorporate additional lanes. The area east of the Site were redeveloped for residential purposes. Roadways were constructed along the northeast, south and southeast boundaries of the Site. The past day parking lot off of Sherwood Heights Drive appears in this aerial photo.

Based on the review of the aerial photographs and images, the following PCAs were identified to be associated with the Site or with properties located within the Phase One ESA study area.

A roadway was historically located in the central portion of the Site running in a northwest to southeast orientation. A building was also historically located on the northwestern portion of the Site, and evidence of potential earthworks was visible adjacent to the highway on-ramps. The roadway was reportedly demolished in the mid-1980s. It is expected that fill materials were used during grading of the roadway, filling of any basements associated with the dwelling, and potentially with any berms or grading associated with the adjacent highway. The potential placement of fill materials located on the central portion of the Property was identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) in accordance with O. Reg. 153/04. As such, the central portion of the Site in a northwest to southeast orientation, and the northwestern portion of the Site was identified as **APEC #1**.

Copies of the aerial photographs obtained from ERIS are provided in **Appendix D**.

4.3.2 Topography, Hydrology, Geology

The elevation of the Site ranges from approximately 117 to 143 metres above mean sea level (mAMSL)[1]. Regional topography generally slopes to the south towards Joshua Creek, located approximately 200 m south of Site.

The northern portion of the Site is located in the broad physiographic region known as the Shale Plains, while the southern portion of the Site is located in a small physiographic unit known as the Beaches[2]. A review of published quaternary geologic mapping for the area of the Site indicates that the overburden in the central portion of the Site consists predominantly of coarse-textured glaciolacustrine deposits including sand, gravel, minor silt and clay and littoral deposits, while the northern and southern portions of the Site consist of Paleozoic deposits[3]. Beneath the overburden deposits is bedrock consisting of shale, limestone, dolostone and siltstone of the Georgian Bay, Blue

[1] Natural Resources Canada [map]. "The Atlas of Canada - Toporama", governed by version 2.3 of the Open Government License – Canada. November 27, 2020. http://atlas.gc.ca/toporama/en/index.html

[2] Chapman, L. J., and D. F., Putnam (1984), "The Physiography of Southern Ontario", Ontario Geological Survey.

Mountain and Billings Formations[3]. Based on a review of available MECP well records, bedrock is expected to be encountered at approximately 2.4 metres below ground surface (mbgs).

Topographic information for the Phase One ESA study area is included on **Figure 1**. A discussion of water bodies located within the vicinity of the Site is provided in Section 4.3.4. Well records identified within the Phase One ESA study area are discussed in Section 4.3.5.

4.3.3 Fill Materials

GHD observed fill materials at the time of the Site inspection.

Three piles of illegally dumped fill material were identified on the central portion of the Site during the Site reconnaissance. The placement of fill materials in the central portion of the Property was identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) in accordance with O. Reg. 153/04. As such, an area within the central portion of the Site was identified as **APEC #2**.

The Site representative was not aware of the presence of any other imported fill materials at the Site.

4.3.4 Water Bodies and Areas of Natural Significance

No water bodies are located on the Site. The closest water body to the Site is Joshua Creek, which is located approximately 200 m south of the Site.

In accordance with O. Reg. 153/04, an "area of natural significance" is 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 and Forestry (MNRF) as having provincial significance.
3. A wetland identified by the MNRF 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 MNRF 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.

A summary of GHD's review is provided below:

1. The Site is not an area reserved or set apart as a provincial park or conservation reserve under the Provincial Parks and Conservation Reserves Act, 2006.
2. The Site is not an area of natural and scientific interest (life science or earth science) identified by the MNRF as having provincial significance. GHD reviewed the MNRF's – "Natural Heritage Information Centre" database to identify areas registered as Areas of Natural or Scientific Interest (ANSI). There were no ANSI's identified within a 1-km radius of the Site.
3. The Site is not a wetland identified by the MNRF as having provincial significance.

[3] "Bedrock Geology of Ontario" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

4. The Site is not an area designated by a municipality in its official plan as environmentally significant.
5. The Site is not 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. The Site is an area identified by the MNRF as significant habitat of a threatened or endangered species. GHD conducted a search to determine if threatened or endangered species are present within or adjacent to the Site. According to the Committee on the Status of Endangered Wildlife in Canada (COSWIC), Species at Risk in Ontario (SARO), and MNRF, the following species were listed as threatened and/or endangered within the Phase One ESA study area:

   Northern Bobwhite (bird)

   Henslow's Sparrow (bird)

   Eastern Meadowlark (bird)

   Wood Thrush (bird)

   Review of information pertaining to the habitats of the above-noted species indicated that Site features may be conducive to their habitats.
7. Based on the review of information pertaining to the habitats of aforementioned threatened and/or endangered species, the Site may be an area which is conducive to the habitat of Northern Bobwhite, Henslow's Sparrow, Eastern Meadowlark or Wood Thrush, which are classified under Section 7 of the Endangered Species Act, 2007 as threatened or endangered species. No information was available to confirm if confirmed habitat of these species is present on the Site.
8. The Site is not a 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. The Site is not an area set apart as a wilderness area under the Wilderness Areas Act.

Based on the above information and the definition of area of natural significance provided in O. Reg. 153/04, GHD did not identify any information that would confirm that the Site may be considered an area of natural significance. An ecological investigation would be required to confirm if habitat of threatened and/or endangered species is present on the Site.

4.3.5 Well Records

A search of the MECP Water Well Information System (WWIS) database was conducted as a component of the environmental databases search outlined in Section 4.2.2. No records were identified in the WWIS database to be associated with the Site. Two records were identified in the WWIS database to be associated with wells installed within the Phase One ESA study area. The records were associated with a monitoring well and an abandoned water supply well. Additional information regarding the well records identified within the Phase One ESA study area is provided in **Appendix C**.

4.3.6 Site Operating Records

No Site Operating Records were identified for the Site.

5. Interviews

As part of the Phase One ESA, GHD interviewed the following personnel:

Facility Contact	Position	Period Familiar with the Site
Ms. Jennifer Silson	Property Manager	2 years

The above-listed person was identified to be the most knowledgeable regarding the historical and current use of the Property.

The interview completed with property manager was focused on the historical and current use of the Property, and the topics listed in Sections 13 and 14 of Schedule D of O. Reg. 153/04. Relevant information provided to GHD by those interviewed has been summarized in the following sections.

6. Site Reconnaissance

6.1 General Requirements

On October 15, 2021, Mr. David Blair of GHD completed a Site inspection of the property located at 50 Sherwood Heights Drive, Oakville, Ontario. The Site inspection was completed between approximately 10:00 a.m. and 12:00 p.m. Weather conditions during the Site visit were overcast with an ambient air temperature of approximately 15°C.

The Site reconnaissance included a walk-through of the Property to confirm the current Site conditions and identify any current land uses, which may have or may cause actual and/or potential environmental impacts to the Site. Adjoining and neighbouring properties were observed from the Site and public access ways. Photographs of the Site are included in **Appendix E**.

Mr. Blair completed a follow-up telephone interview with Ms. Silson on October 28, 2021.

6.2 Specific Observations at Phase One ESA Property

6.2.1 Building and Property

The Site is approximately 7.583 hectares (18.739 acres) in size and is vacant.

Site access is provided by an out of use 30-car paved parking lot on the southern portion of the Site. The purpose or past use of the parking lot is unknown. The parking lot is currently blocked by a collision barrier and large concrete blocks. The exterior surfaces of the Site primarily consist of grassy fields and shrubs. No water bodies are located on the Site.

6.2.2 Current Site Operations

Based on discussions with the Site representative and the Site reconnaissance, the Site is currently vacant.

6.2.3 Historical Site Operations

Based on a review of historical records, the Site was historically utilized for agricultural crop land purposes. A residential dwelling was historically located on the northwestern portion of the Site and was demolished to construct the on ramp to QEW.

No information was available regarding the crops historically grown at the Site, or to exclude the potential for pesticides use as part of historic agricultural practices. Application of organic, inorganic and synthetic pesticides were common practice in Ontario upon until the late 1900's. Pesticides are most commonly applied to fruiting trees or orchards, which are not known to be grown at the Site. Pesticides are a highly persistent chemical, so any historic application can still be present at the Site. For these reasons, the application of pesticides has been identified as a PCA at the Site (Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications). The potential historic application of pesticides has been identified as **APEC #5** on the entire Site.

6.2.4 Utility Services

Buried utilities supply power to one (1) lamp post on the southern portion of Site in the vicinity of the former 30-car paved parking lot along Sherwood Heights Drive. No back-up generators are located on the Site.

The Site is not serviced with municipally-supplied potable water or storm and sanitary sewer services. The Site representative was not aware of the past presence of any septic systems at the Site. GHD did not observe evidence of any active or abandoned septic systems at the Site during the Site inspection.

6.2.5 Underground Storage Tanks (USTs)

Based on discussions with the Site representative, there are no active or inactive USTs located at the Site; and to the best of his knowledge, no USTs have historically been owned or operated at the Site. At the time of the Site inspection, no visual evidence (e.g., vent pipes, fill pipes, etc.) suggesting the presence of on-Site USTs was observed by GHD.

6.2.6 Aboveground Storage Tanks (ASTs)

Based on discussions with the Site representative and GHD observations, no ASTs are currently operated at the Site.

6.2.7 Floor Drains, Pits, and Sumps

Based on discussions with the Site representative and observations made by GHD during the Site inspection, floor drains, pits and or sumps are not located on the Site.

6.2.8 Wastewater/Sewers

Based on discussions with the Site representative and GHD's observations, wastewater is not generated at the Site.

6.2.9 Stormwater/Surface Water

Stormwater generated at the Site is directed by surface grading towards Property boundaries and off-Site roadside ditched located along Ford Drive, Sherwood Heights Drive and Kingsway Drive. The Site representative was not aware of any stormwater quality concerns associated with the Site. No sources of adverse impact to stormwater quality were observed by GHD during the Site inspection.

At the time of the Site inspection, no visual evidence of impact from surface water run-on from the adjacent properties was observed by GHD.

6.3 Enhanced Investigation Property

The Phase One ESA property is considered to be an Enhanced Investigation property if it is currently used or has ever been used in whole or in part for industrial use, or commercial uses including a garage, a bulk liquid dispensing facility

such as a gasoline station, or for the operation of dry-cleaning equipment. Based on records reviewed during this investigation, the Site is not an enhanced investigation property.

6.4 Written Description of Investigation

The Phase One ESA included a records review, interviews with Site personnel, a Site reconnaissance, and a review and evaluation of the information obtained during the Phase One ESA. The Site reconnaissance included a walk-through of the Property to confirm the current Site conditions and identify any current land uses, which may have or may cause actual and/or potential environmental impacts to the Site. Adjoining and neighbouring properties were observed from the Site and public access ways.

The findings from the assessment carried out pursuant to Sections 13 and 14 of Schedule D of O. Reg. 153/04, as amended, were previously discussed in Section 6.0.

7. Review and Evaluation of Information

7.1 Current and Past Uses

Based on the information provided by the Site representative, the Site is currently owned by Her Majesty the Queen in right of Ontario as represented by the Minister of Government and Consumer Services. Review of historical records indicated that the northern portion of the Site has been utilized for agricultural purposes from the late 1800s to the mid-1970s. The Site has been vacant from the mid-1970s to present.

A summary of the current and past uses of the Site is provided below:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1878 - 1957	Various private owners	Agricultural	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was utilized for agricultural purposes.
1957 - 1976	Interprovincial Pipe Line Company	Agricultural	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was utilized for agricultural purposes.
1976 to 1977	Her Majesty the Queen	Vacant	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was vacant.
1977	The Regional Municipality of Halton	Vacant	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was vacant.
1977 - 1978	The Ministry of Transportation and Communications	Vacant	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was vacant.
1978 to 1985	Her Majesty the Queen	Vacant	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was vacant.
1985 - 1987	The Regional Municipality of Halton	Vacant	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was vacant.
1987 to Present	Her Majesty the Queen	Vacant	Agricultural or Other Use	Based on a review of records and aerials photographs, the Site was vacant.

7.2 Potentially Contaminating Activity

The MECP provides a list of PCAs in Schedule D of O. Reg. 153/04, under the Environmental Protection Act. PCAs that have been identified to be on, in, or under the Phase One ESA Property, or located within the Phase One ESA study area and having the potential to contribute to an APEC are presented in Section 7.3.

7.3 Areas of Potential Environmental Concern (APEC)

The following APEC has been identified by the Phase One ESA records review, interviews, and Site reconnaissance and are summarized in the table below. This matrix is used to list and describe each PCA at the Property and each PCA in the Phase One ESA Study Area that may be contributing to an APEC at the Property.

Table of Areas of Potential Environmental Concern
50 Sherwood Heights Drive
Oakville, Ontario
[Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04]

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC #1 – Former Roadway	Central Portion of Site	30. Importation of Fill of Unknown Quality	On-Site	Metals, As, Se, Sb, PHCs, VOCs, PAHs	Soil
APEC #2 – Illegally Dumped Fill Material	Central Portion of Site	30. Importation of Fill of Unknown Quality	On-Site	Metals, As, Se, Sb, PHCs, VOCs, PAHs, PCBs	Soil
APEC #3 – Transformer	Southern Portion of Site	55. Transformer Manufacturing, Processing and Use	Off-Site	PCBs, metals	Soil
APEC #4 – Application of De-icing Agents	North, East and Southwestern Portions of Site	(B). Application of De-icing Agents	Off-Site	SAR, Electrical Conductivity, Cl-, Na	Soil & Groundwater
APEC #5 – Application of Pesticides	Entire Site	40. Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals, OCs	Soil

Notes:

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

(a) Identification of past or present uses on, in or under the phase one property.

(b) Identification of potentially contaminating activity.

2 Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area.

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

Acid base neutral extractable (ABNs)	Petroleum hydrocarbons (PHCs)	Benzene, toluene, ethylbenzene and xylenes (BTEX)	Boron, hot water soluble (B-HWS)	Mercury (Hg)
Chlorophenols (CPs)	Polychlorinated biphenyls (PCBs)	Calcium (Ca), magnesium (Mg)	Chloride (Cl^-)	Methyl Mercury
1,4-Dioxane	Polycyclic aromatic hydrocarbons (PAHs)	Metals	Cyanide (CN^-)	high pH

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Ground Water, Soil and/or Sediment)
Dioxins/Furans, PCDDs/PCDFs	Trihalomethanes (THMs)	Arsenic (As), antimony (Sb), selenium (Se)	Electrical conductivity (EC)	low pH	
Organochlorine pesticides (OCs)	Volatile organic compounds (VOCs)	Sodium (Na)	Chromium (hexavalent) [Cr (VI)]	Sodium adsorption ratio (SAR)	

7.4 Phase One Conceptual Site Model

The Site is located in the Town of Oakville, Ontario that has been developed for mixed industrial, commercial, residential and/or agricultural purposes since the late 1800s. The Site is approximately 7.583 hectares (18.739 acres) in size and is currently vacant with remnants of an approximately 30-car parking lot on the southern portion of the Site. It is generally a grassy open area that buffers the adjacent residential development from the highways. The Site fronts on to Sherwood Heights Drive opposite Kingsford Gardens, a municipal park with allotment gardens and a dog park.

The elevation of the Site ranges from approximately 117 to 143 mAMSL. Regional topography generally slopes to the south towards Joshua Creek, located approximately 200 m south of Site. No water bodies are located on the Site. The closest water body to the Site is Joshua Creek, which is located approximately 200 m south of the Site. The northern portion of the Site is located in the broad physiographic region known as the Shale Plains, while the southern portion of the Site is located in a small physiographic unit known as the Beaches. A review of published quaternary geologic mapping for the area of the Site indicates that the overburden in the central portion of the Site consists predominantly of coarse-textured glaciolacustrine deposits including sand, gravel, minor silt and clay and littoral deposits, while the northern and southern portions of the Site consist of Paleozoic deposits. Beneath the overburden deposits is bedrock consisting of shale, limestone, dolostone and siltstone of the Georgian Bay, Blue Mountain and Billings Formations. Based on a review of available MECP well records, bedrock is expected to be encountered at approximately 2.4 mbgs.

The Site may be an area of natural significance, as defined in O. Reg. 153/04. An ecological investigation is required to confirm the presence of threatened and/or endangered species.

Based on discussions with the Site representative and the Site reconnaissance, underground utilities present beneath the Site include hydroelectricity. To the best of GHD's knowledge no other underground utilities are present beneath the Property.

The following APECs associated with the Site were identified by the Phase One ESA records review, interviews, and Site reconnaissance:

APEC	Location of the APEC on Phase One Property	PCA(s)	Location of PCA (on-site or off-site)
APEC #1 – Former Roadway	Central Portion of Site	30. Importation of Fill of Unknown Quality	On-Site
APEC #2 – Illegally Dumped Fill Material	Central Portion of Site	30. Importation of Fill of Unknown Quality	On-Site
APEC #3 – Transformer	Southern Portion of Site	55. Transformer Manufacturing, Processing and Use	Off-Site
APEC #4 – Application of De-icing Agents	North, East and Southwestern Portions of Site	(B). Application of De-icing Agents	Off-Site
APEC #5 – Application of Pesticides	Entire Site	40. Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site

Road salt has been applied on the former paved parking area at the Site as well as along adjacent/nearby roadways during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. Bulk salt has not been stored at the Site. The application of road salt on-Site and in the vicinity of the Site has the potential to result in elevated sodium adsorption ratio (SAR) and electrical conductivity (EC) in soil, and sodium and chloride in groundwater, and would have the potential to contribute to an APEC at the Site and was identified as **APEC #4**. However, in accordance with paragraph 1 of Section 49.1 of O. Reg. 153/04, any potential on-Site exceedances of

SAR, EC, sodium, or chloride associated with the application of the road salt would be deemed as having met the applicable Site Condition Standards. As a result, the QP has determined that further investigation of **APEC #4** is not warranted during a Phase Two ESA.

Several off-Site PCAs were identified to be associated with properties located within the Phase One ESA study area (as noted on **Figure 4**) that were not interpreted to have the potential to contribute to an APEC at the Site. A summary of the off-Site PCAs that did not result in an APEC at the Site is provided below:

Property Address(es)	PCA(s), in accordance with O. Reg. 153/04	PCA(s) contributing to an APEC at the Property (Yes/No)	Rationale
West of intersection of Kingsway Drive and Ford Drive	PCA (A) – Spill Incident	No	Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Eastbound Queen Elisabeth Way	PCA (A) – Spill Incident	No	Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Eastbound Queen Elizabeth Way On-Ramp	PCA (A) – Spill Incident	No	Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Eastbound Queen Elisabeth Way	PCA 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	No	Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.
Intersection of Queen Elisabeth Way and Ford Drive	PCA (A) – Spill Incident	No	Due to the distance from Site and the inferred groundwater flow direction, this record is not anticipated to have affected the environmental quality of Site and is therefore not contributing to and APEC.

Based on the results of the Phase One ESA, the contaminants of concern at the Site include metals, PHCs, VOCs, PAHs, PCBs, and OCs.

The Phase One ESA Conceptual Site Model for the Site and the Phase One ESA study area are shown on **Figure 3** and **Figure 4**, respectively.

8. Conclusions

Based on the results of the Phase One ESA, including the Site inspection, information provided by Site representatives ands regulatory agencies, documents reviewed, the review of Site history, and review of information from the regulatory agencies, the following APECs were identified to be associated with the Site:

- **APEC #1 – Former Roadway:** A roadway was historically located in the central portion of the Site oriented in a northwest to southeast orientation. The roadway was reportedly demolished in the mid-1980s. It is expected that some fill materials were used during grading of the roadway. No information was available regarding the source or quality of any fill material used to construct the parking area. As such, the fill material located on the central portion of the Property was identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) in accordance with O. Reg. 153/04, and the central portion of the Site (location of the former road) was identified as APEC #1. The likelihood that one or more contaminants have affected the Site is low for this APEC.
- **APEC #2 – Illegally Dumped Fill Materials:** Three piles of illegally dumped fill material were identified on the central portion of the Site during the Site reconnaissance. The placement of fill materials in the central portion of the Property was identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) in accordance with O. Reg. 153/04, and an area within the central portion of the Site and was identified as APEC #2. The likelihood that one or more contaminants have affected the Site is medium for this APEC.
- **APEC #3 – Transformer:** One (1) termination compartment and vault installed at an unknown date is located directly adjacent to the southern portion of the Site which potential contains a transformer. Transformer use is a PCA in accordance with O. Reg. 153/04 due to the potential of spills or leaks of PCB containing fluids to the environment. Due the close proximity to the Site and the potential release of PCBs, the termination compartment and vault south adjacent of Site was identified as a PCA (#55 - Transformer Manufacturing, Processing and Use) in accordance with O. Reg. 153/04. As such, an area within the southern portion of the Site and was identified as APEC #3. The likelihood that one or more contaminants have affected the Site is low for this APEC.
- **APEC #4 – Road Salt Application:** Road salt has been applied on the former parking area at the Site as well as along adjacent/nearby roadways during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. Bulk salt has not been stored at the Site. The application of road salt on-Site and in the vicinity of the Site has the potential to result in elevated sodium adsorption ratio (SAR) and electrical conductivity (EC) in soil, and sodium and chloride in groundwater, and would have the potential to contribute to an APEC at the Site and was identified as APEC #4. However, in accordance with paragraph 1 of Section 49.1 of O. Reg. 153/04, any potential on-Site exceedances of SAR, EC, sodium, or chloride associated with the application of the road salt would be deemed as having met the applicable Site Condition Standards. As a result, the QP has determined that further investigation of APEC #4 is not warranted during a Phase Two ESA. The likelihood that one or more contaminants have affected the Site is high for this APEC
- **APEC #5 – Application of Pesticides:** No information was available regarding the crops historically grown at the Site, or to exclude the potential for pesticides use as part of historic agricultural practices. Application of organic, inorganic and synthetic pesticides were common practice in Ontario upon until the late 1900's. Pesticides are most commonly applied to fruiting trees or orchards, which are not known to be grown at the Site. Pesticides are a highly persistent chemical, so any historic application can still be present at the Site. For these reasons, the application of pesticides has been identified as a PCA at the Site (Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications). The potential historic application of pesticides has been identified as APEC #5 on the entire Site. The likelihood that one or more contaminants have affected the Site is low for this APEC.

8.1 Requirement for Phase Two ESA before RSC can be Submitted

Based on the information obtained in completing the Phase One ESA, a Phase Two ESA will be required before an RSC can be filed with the MECP.

All of Which is Respectfully Submitted,

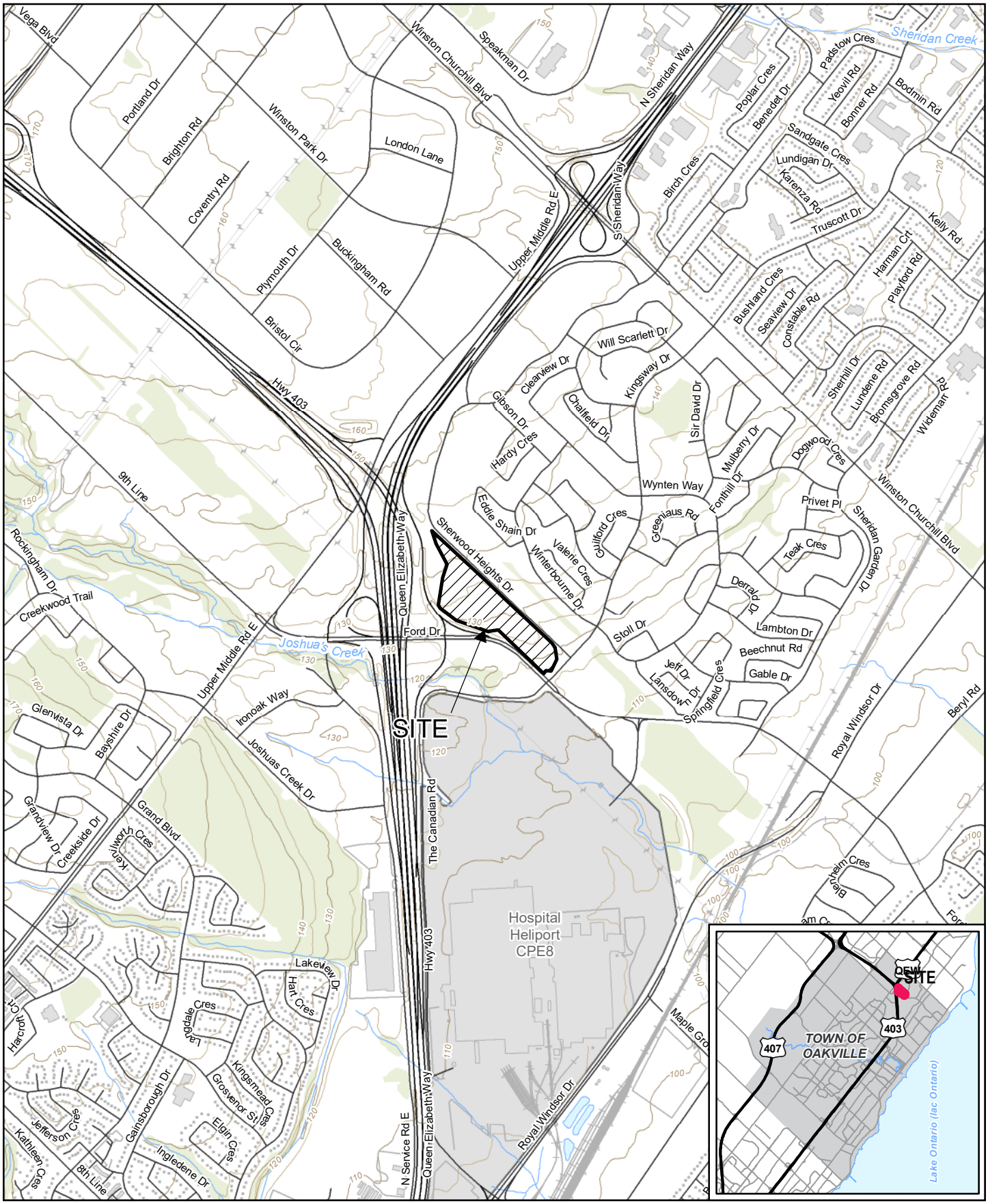
GHD

David Blair, M.Sc.

Marty Barons, P.Eng., QP_{ESA}

Warren Croft, P.Eng., QP_{ESA}

Figures



Paper Size ANSI A

0 130 260 390 520

Metres

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

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ONTARIO INFRASTRUCTURE AND LANDS CORPORATION
PHASE ONE ESA
50 SHERWOOD HEIGHTS DRIVE

Project No. **12564451**
Revision No. **-**
Date **Nov 2, 2021**

SITE LOCATION MAP

FIGURE 1

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Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

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GHD

ONTARIO INFRASTRUCTURE AND LANDS CORPORATION
PHASE ONE ESA
50 SHERWOOD HEIGHTS DRIVE

Project No. **12564451**
Revision No. **-**
Date **Nov 2, 2021**

SITE PLAN

FIGURE 2

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Data source: Google Earth Imagery, Date: 06/08/2018

POTENTIALLY CONTAMINATING ACTIVITIES (AS DEFINED UNDER O. REG. 153/04)(PCAS)

PCA (A) – SPILL INCIDENT
PCA (B) – ROAD SALT APPLICATION
PCA #30: IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
PCA #40: PESTICIDES (INCLUDING HERBICIDES, FUNGICIDES AND ANTI-FOULING AGENTS) MANUFACTURING, PROCESSING, BULK STORAGE AND LARGE-SCALE APPLICATIONS
PCA #55: TRANSFORMER MANUFACTURING, PROCESSING AND USE

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0 30 60 90 120
Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

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ONTARIO INFRASTRUCTURE AND LANDS CORPORATION
PHASE ONE ESA
50 SHERWOOD HEIGHTS DRIVE

CONCEPTUAL SITE MODEL

Project No. 12564451
Revision No. -
Date Nov 22, 2021

FIGURE 3A

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Data source: Google Earth Imagery, Date: 06/08/2018

Paper Size ANSI B

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Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

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ONTARIO INFRASTRUCTURE AND LANDS CORPORATION
PHASE ONE ESA
50 SHERWOOD HEIGHTS DRIVE

CONCEPTUAL SITE MODEL (DETAILED)

Project No. **12564451**
Revision No. **-**
Date **Nov 22, 2021**

FIGURE 3B

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Print date: 22 Nov 2021 - 16:30

Data source: Google Earth Imagery, Date: 06/08/2018

Appendices

Appendix A

Project Personnel Curricula Vitae

Marty Barons P.ENG., QP_{ESA}

Sr. Environmental Engineer

Location

Toronto, ON, Canada

Experience

18 years

Qualifications/Accreditations

– B.A.Sc., 2003
– P.Eng., 2008

Key technical skills

– Phase One & Two ESA, Soil & Groundwater Remediation, CPU Management, RSC filing, Excess Soil Management

Memberships

– Professional Engineers of Ontario, 2008

Relevant experience summary

Marty a Senior Environmental Engineer with the Contaminated Site Assessment & Remediation Group in GHD's Toronto office. Marty is a Professional Engineer licensed in Ontario with 18 years of experience as an environmental consultant and contractor. Marty is experienced in conducting Phase I and II ESAs; Risk Management Measure; project management; peer reviewing and Record of Site Condition filing. As a Qualified Person (ESA), Marty has extensive experience designing Risk Management Measures for Risk Assessment and overseeing their construction including vapour barrier systems, roadway designs and parkland spaces. He has significant experience planning, conducting and overseeing large projects, such as the Port Lands Flood Protection and Enabling Infrastructure and West Don Lands for Waterfront Toronto.

Project experience – Large-scale Brownfield Development

Port Lands Flood Protection & Enabling Infrastructure – Roads Design Team

Owners Qualified Person | Waterfront Toronto | Toronto, Ontario, Canada | $1.25 B | March 2018 – July 2021

As part of the larger PLFPEI Project, Waterfront Toronto is constructing new roadways, landscaping, and utility services throughout the highly contaminated former industrial Port Lands neighbourhood.

Marty provided Environmental Engineering services for the design and construction of the roadways throughout the Port Lands as the owners QP. Marty integrated and implemented the Risk Management Measures for the roadway design to protect the future users of the neighbourhood. During the construction of the roadways Marty developed Environmental Plans for the management of all site soil movements and managed the site inspections and compliance reviews of the subcontractors to ensure that the roadways were constructed in accordance with O. Reg. 406/19. Marty was the liaison with the Contractor Manager (EllisDon) and their subcontractors to responds to any RFI regarding soil management. Marty managed all documentation provided by the Construction Manager related to soil management. It is expected by completion of the project, up to 200,000 m^3 of soil will be placed as fill material and surcharge for construction of the roadways.

Port Lands Remediation Technologies

Project Manager | Waterfront Toronto | Toronto, Ontario, Canada | $300,000 | October 2016 – April 2018

WSP completed two pilot-scale testing projects on remediation technologies to assess their application on the Port Lands. The first technology is Block & Adsorb. Block & Adsorb is an innovative, combined remedial approach that combines two (2) forms of proven technology to immobilize PHC-based LNAPL in- situ, namely physical stabilization using Portland Cement (PC) (the "Block" portion), and carbon adsorption using Activated Carbon (AC) (the "Adsorb" portion). The theory behind the technology is that the AC component will adsorb some or all of the free-phased LNAPL present in the soils and the PC will serve to bind the soil matrix together and lower the hydraulic conductivity thereby further physically immobilizing the LNAPL in-situ.

The second technology, Enhanced Biodegradation, was tested to evaluate the effectiveness in remediating moderate to high concentrations of PHCs in soil, but not including soils impacted with NAPL PHCs. Enhanced Biodegradation also results in the complete mineralization of the PHCs (into carbon dioxide and

water) with possibly a minor amount of residual inorganic salts.

West Don Lands

Field Team Lead | Waterfront Toronto | Toronto, Ontario, Canada | $20 M | May 2010 – July 2016

At the time the largest brownfield site under development in Ontario, this former industrial site will encompass mixed-use residential and commercial development, as well as a substantial parkland component, after it served as the Pan American Athletes' Village for the 2015 Pan/Parapan American Games. This revitalization project involved an aggressive schedule to secure the environmental approvals required in advance of infrastructure and building construction by development partners. Site characterization, risk assessment, remedial option feasibility studies, remediation, and risk mitigation measures are key project components. The project mandate included field investigations and prepared multiple Phase One and Phase Two ESA, ROFS, and RA reports in parallel in order to meet the development schedule. The reports complied with (O. Reg.) 153/04 under the Environmental Protection Act, as amended by O. Reg. 511/09, such that Records of Site Condition (RSCs) will be obtained on properties prior to development.

As Field Team Lead, Marty led my team of twenty staff in successfully completing the Phase Two ESAs despite an extremely tight schedule and under new Record of Site Condition regulations. Marty also worked with key stakeholders to identify and resolve issues during the construction of the Risk Management Measures.

Project experience – Record of Site Condition Filing (O. Reg. 153/04)

LCBO Headquarters Redevelopment

Sr. Engineer – QP_{ESA} | Menkes | Toronto, Ontario, Canada | August 2016 – July 2021

As part of the LCBO Headquarters redevelopment, WSP completed Environmental Site Assessment (ESA) and Risk Assessment (RA) services for multi-block development blocks at the property, including commercial, community, residential and parkland land uses. A site wide Phase One ESA and Phase Two ESA started in 2013 as the development strategy was being prepared. Numerous updates to the ESA's have been completed for the various development blocks as development has moved forward. Two development blocks have had RA's completed for the conveyances of these parcels to the City of Toronto was future roadways. Two developments blocks have had acknowledged Record of Site Conditions by the Ministry of the Environment, Conservation and Parks (MECP). Active project works includes the oversight of the construction of Risk Management Measures, preparation of a Tier III RA for the park block, and the future development of a residential block. The project mandate was to provide environmental, geotechnical and hydrogeological consulting for proposed mixed use development including lands to be conveyed to the City of Toronto.

500 Lake Shore Redevelopment

Sr. Engineer – QP_{ESA} | Capital Developments | Toronto, Ontario, Canada | April 2018 – March 2021

As part of the Loblaws former Head Office and Warehouse redevelopment project at the north-east corner of Bathurst Street and Lake Shore Blvd. West in Toronto, ON, Marty completed Environmental Site Assessment (ESA) and Risk Assessment (RA) services for the land conveyance parcel to the City of Toronto. From the Phase One and Two ESA exceedances of the applicable Site Condition Standards were found in surface soil and deeper subsurface soils. To handle this contamination a Modified Generic Risk Assessment (MGRA) was completed for the property including the issuing of a Certified of Property-Use (CPU) with Risk Management Measures (RMMs). WSP provided oversight during the development of the property to ensure the complete construction of the RMMs and preparation of CPU documents, such as a Site Plan. All ESA, RA, and CPU documents were provided to the City of Toronto Peer Reviewer for their review and approval. The peer review was successfully completed in March 2021 and the property was conveyed to the City of Toronto.

3C Waterfront Development Project

Sr. Engineer – QP_{ESA} | Castlepoint Numa | Toronto, Ontario, Canada | January 2018 – July 2021

As part of the 3C Waterfront development site at the south-west corner of Lake Shore Blvd. East and Cherry Street in Toronto, ON, WSP completed Environmental Site Assessment (ESA) services for the first block of a multi-block redevelopment site. A Phase One ESA and Phase Two ESA have been completed for the Phase 1 block, a commercial office building development. WSP advice Castlepoint Numa on development strategies for the block and the future adjacent block residential block. The original plan was to connect the below grade parking structures between the blocks. If the blocks were developed this way the Risk Management Measures (RMMs) for the future residential block would be applicable to the commercial block and therefore an expensive vapour barrier system would been required. At WSP's advice the design plans were changed to not connect the below grade parking structures, therefore saving our client these additional costs.

Concord Park Place

Sr. Engineer – QP_{ESA} | Concord Adex | Toronto, Ontario, Canada | August 2016 – February 2019

For the redevelopment of a 30-acre Brownfield site which was previously a major Canadian Tire warehouse facility, Marty conducted multiple Phase

One ESA, Phase Two ESA, and filing of Records of Site Conditions for various redevelopment blocks including residential condominium towers and city parks to be conveyed to City of Toronto.

Project experience – Peer Review

Brightwater Remediation Peer Review

Peer Reviewer |
Region of Peel | Port Credit, Ontario, Canada | March 2018 – September 2019

For the 29-hectare brownfield redevelopment site in Port Credit, Ontario Marty was the Peer Reviewer for the lands to be conveyed to the Region of Peel. This work involves the review of environmental deliverables such as Phase One and Phase Two ESAs, remedial action plans, and design plans for public roadways and utility services. On behalf of the Region of Peel, Marty's role was to review the environmental deliverables with respect to compliance with O. Reg. 153/04 and Region of Peel land conveyance policy. This involves working directly with the various Region of Peel departments involved with the future roadways and utility services and the land developers QP.

Lakeview Village Environmental Site Assessment Peer Review

Peer Reviewer |
Region of Peel | Port Credit, Ontario, Canada | June 2019 – November 2019

For the 72-hectare brownfield redevelopment site in Port Credit, Ontario Marty was the Peer Reviewer for the lands to be conveyed to the Region of Peel. This work involves the review of environmental deliverables such as Phase One and Phase Two ESAs, remedial action plans, and design plans for public roadways and utility services. On behalf of the Region of Peel, Marty's role was to review the environmental deliverables with respect to compliance with O. Reg. 153/04 and Region of Peel land conveyance policy. This involves working directly with the various Region of Peel departments involved with the future roadways and utility services and the land developers QP.

Project experience – Excess Soil Management (O. Reg. 406/19)

Courtice Trunk Sewer Phases 4, 5 and 6

Sr. Engineer – QP_{ESA} | Region of Durham | Courtice, Ontario, Canada |
$100,000 | December 2020 – July 2021

Marty Barons provided environmental consulting services as a Qualified Person (QP) for assessment of excess soils during the design of the Courtice Trunk Sanitary Sewer Phases 4, 5 and 6. In preparation of the implementation of O. Reg. 406/19 the Region of Durham requested that an Assessment of Past Uses report and a Soil Characterization Report be provided during the geotechnical drilling program of this project. Marty developed a Sampling and Analysis Plan in accordance with O. Reg. 406/19 for this linear infrastructure project. The reports were utilized during the tendering of the soil management contract.

50 Wilson Heights Development Site

Sr. Engineer – QP_{ESA} | Deltera Inc. | Toronto, Ontario, Canada | February 2020 – July 2020

As part of the geotechnical, hydrogeological and environmental team, Marty provided environmental consulting services as a QP for assessment of excess soils during the design phase of the 50 Wilson Heights development project. In preparation of the implementation of O. Reg. 406/19 an Assessment of Past Uses report and a Soil Characterization Report were prepared during the geotechnical drilling program of this project. Marty developed a Sampling and Analysis Plan in accordance with O. Reg. 406/19 for this condominium construction project. The reports were utilized during the tendering of the soil management contract.

Project experience – Certificate of Property Use Management

Aitken Place Park

Sr. Engineer – QP_{ESA} | UCC Group | Toronto, Ontario, Canada | January 2019 – September 2019

Marty was the Qualified Person for the construction of the future City of Toronto Park within the East Bayfront Development area. This property required the construction of Risk Management Measures as per the Certificate of Property Use registered on title. The project included the construction of utility services, hard and soft cap barriers, exportation of contaminated soils and analytical results of all imported soils for the finished landscaping. An Annual Report and Site Plan were developed to summarize the construction of the Risk Management Measures.

Project experience – Environmental Site Assessment

Scarborough Subway Extension

Sr. Engineer – QP_{ESA} | Metrolinx | Toronto, Ontario, Canada | December 2019 – July 2021

Senior Engineer/Qualified Person for the Phase One Environmental Site Assessments conducted on all of the land acquisitions for the extension of the Scarborough subway along the McCowan alignment. Lead the completion of 14 Phase One ESA reports and an Executive Summary for the complete subway alignment. All documents were included in the tendering package for the project constructor. TO reduce the project delivery schedule and reduce the cost of our client, Marty advised to utilize the land conveyance Phase One ESA reports to complete the

Infrastructure Ontario required Phase One ESA for the full alignment of the subway.

West Park Healthcare Centre

Senior Project Manager | EllisDon Design Build Inc. | Toronto, Ontario, Canada | $300,000 | January 2017 – July 2021

Senior Project Manager for the pursuit / design / build of the new hospital at West Park Healthcare Centre. Responsible for leading the team (geotechnical, hydrogeological, paving, and environmental disciplines) during all phases of pursuit, design, and construction. The tasks included project budgeting, project schedule coordination, liaison with other consultants and subcontractors.

Former Orangeville Rail Contaminant Overview Study

Sr. Engineer – QP_{ESA} | Region of Peel | Peel Region, Ontario, Canada | February – May 2020

Senior Engineer/Qualified Person for the Contaminant Overview Study for the future development of the Former Orangeville Rail to a recreational trail. This work was completed as part of the pre-purchase due diligence works prior to the acquisition of the properties. The entire 55.4-kilometre rail corridor was investigated for potential environmental contaminants of concerns as part of the study. The final report provided our recommendations for the next phase of the project to conduct focused Phase Two ESAs on the highest risk sections of the rail corridor.

10179 & 10185 Mississauga Road Due Diligence

Sr. Engineer – QP_{ESA} | Region of Peel | Brampton, Ontario, Canada | April – June 2020

Senior Engineer/Qualified Person for the Phase One and Phase Two Environmental Site Assessments conducted on the properties as part of the pre-purchase due diligence works. The work was completed while the current owner's tenants were living on the properties. Extra care was taken to provide the tenants was great communication regarding site visits and the intrusive drilling program. Borehole placement was selected to reduce the impact on the existing landscaping on the property. The project reports were completed prior to the close of the due-diligence period.

Sandhill Environmental Baseline Investigation

Sr. Engineer – QP_{ESA} | Region of Peel | Caledon, Ontario, Canada | April – June 2020

Senior Engineer/Qualified Person for the Baseline Investigation on the properties at Lot 27 & 28, King Street in Caledon, Ontario, also known as Sandhill. This investigation was conducted for the Region of Peel to determine of the adjacent property at 5731 King Street (privately owned) had impacted the soil, sediment and/or surface water conditions on the property. A Sample and Analysis Plan was developed based on the potential environmental contaminants of concern followed by a borehole drilling, sediment and surface water sampling program. From the findings of this investigation, WSP was able to provide our client with important information to address the environmental contamination found on the property.

938 East Avenue Development

Sr. Engineer – QP_{ESA} | Region of Peel | Mississauga, Ontario, Canada | August 2016 – June 2018

A Phase One and Two ESA was completed for the property at 938 East Avenue in Mississauga, ON. The property had a former underground storage tank (UST) that was investigated for potential contamination in soil and groundwater. These investigations were completed for the redevelopment of the property to an Emergency Medical Services station. Marty was the Qualified Person that oversaw the project as the Senior Reviewer and provided direction to the junior and intermediate staff.

UP Express

Safety & Security Certification Lead | Metrolinx | Toronto, Ontario, Canada | March 2015 – June 2015

Marty was responsible for developing a program to document the Safety & Security Certification process for the UP Express project in accordance with the American Public Transportation Association. The project mandate was to provide program management services to UP Express, an air rail link connecting Canada's two busiest transportation hubs, Union Station in downtown Toronto and Toronto Pearson International Airport. In role as Acceptance Testing Lead, responsible for coordinating the installation and acceptance testing of Airline Kiosks at the station platforms with the hardware/software vendor NCR. Installation of the kiosks was completed on time for start of revenue services.

Former Camp Ipperwash Contaminated Sites Investigation

Field Team Lead | Defence Construction Canada | Ipperwash, Ontario, Canada | December 2013 – August 2014

Field Team Leader for a large-scale environmental investigation. Project work included developing and executing project plans (quality assurance, health and safety, work plans), sampling and testing a range of environmental media (soil, sediment), geophysical survey, preliminary remedial/risk management options analysis, developing cost estimates for full-scale UXO clearance and environmental remediation; completing project work under an SAR permit; management of characterization data using an integrated database and GIS. COCs included a wide range of contaminants associated with disposal from military training activities. A radiological survey program was developed to assess alleged disposal of radiological

wastes in several areas and to evaluate the potential presence of radiological contamination in former military facilities / barracks, many now under residential use. The project included establishing a temporary base of operations, management of 6 main subcontracts and multiple suppliers.

Port Hope Industrial Sites

Field Lead | Public Works and Government Services Canada | Port Hope, Ontario, Canada | January 2013 – June 2013

Organized and conducted Phase Two ESAs at three industrial sites within the City of Port Hope. Activities included borehole and groundwater monitoring drilling, well development, groundwater sampling, surveying, and radiological surveying. All documentation was completed to the O. Reg. 153/04 standard for the potential filing of three RSCs.

Kingston Dry Docks

Field Lead | Public Works and Government Services Canada | Kingston, Ontario, Canada | 2008 – 2013

Organized and conducted biannual monitoring of the groundwater monitoring well network at the Kingston Dry Docks site. This national historic site in downtown Kingston, Ontario is the home of the Alexander Henry Canadian Coast Guard ship. Activities included borehole and groundwater monitoring drilling, well development, groundwater sampling, surveying, and sediment sampling. All documentation was completed to the CCME federal guidelines.

Darlington Nuclear Background Environmental Assessment

Field Lead | Ontario Power Generation | Darlington, Ontario, Canada | 2007 – 2011

An active role leading the field staff involved in a large-scale hydrogeological component of the Background EA project for the future construction of a new generator station. Activities included groundwater monitoring well drilling, deep bedrock coring, well development, and groundwater sampling. As part of this project, a 24-hour pumping test was conducted with additional monitoring of drawdown in four groundwater well nests.

TransCanada Pipeline Compression Station Annual Monitoring

Field Technician | TransCanada Pipeline | Northern Ontario, Canada | 2007 – 2011

Monitoring groundwater plumb transport at numerous compressor stations across Ontario; Klotz Lake, Hearst, Calstock, Kapuskasing, Smooth Rock Falls, Cochrane, Potter, Swastika, Maple. Activities included groundwater monitoring well drilling, well development, and groundwater sampling.

Career history

2021 - present	GHD, Sr. Environmental Engineer
2016 - 2021	WSP Canada Inc., Sr. Environmental Engineer
2006 - 2016	CH2M HILL Canada Inc., Environmental Engineer
2003 - 2006	C3 Environmental Ltd., Field Technician

David Blair M.Sc.

Environmental Scientist

Location

Toronto, Ontario, Canada

Experience

3 years

Qualifications/Accreditations

– Honours Bachelor's Degree, Physical Geography and Biology, McGill University, 2015
– Master of Science, Bioresource Engineering (Hydrology & Water Resources), McGill University, 2017

Key technical skills

– Phase One and Two ESAs
– Soil and Groundwater Remediation
– Excess Soil Management
– Soil Vapour Investigations

Relevant experience summary

David Blair is an Environmental Scientist with the Contaminated Site Assessment & Remediation Group in GHD's Toronto office. David has 3 years of experience as an environmental consultant and contractor. David has experience conducting Phase One and Two Environmental Site Assessments (ESAs) on a variety of residential, commercial, and industrial properties. He has experience in field supervision and collection of soil and groundwater samples. Additional technical skills include data analysis and technical report writing.

David's graduate research focused on peatland hydrology and ecology. He has experience conducting environmental investigations and research in diverse locations across Canada including the Hudson Bay Lowlands, Prince Edward Island and Eastern Quebec.

Environmental Site Assessments (ESAs)

Former Orangeville Rail Contaminant Overview Study

Region of Peel | Peel Region, Ontario, Canada | February – May 2020

Environmental Technician and report author for the Contaminant Overview Study for the future development of the Former Orangeville Rail to a recreational trail. This work was completed as part of the pre-purchase due diligence works prior to the acquisition of the properties. The entire 55.4-kilometre rail corridor was investigated for potential environmental contaminants of concerns as part of the study. The final report provided our recommendations for the next phase of the project to conduct focused Phase Two ESAs on the highest risk sections of the rail corridor.

Scarborough Subway Extension (SSE)

Metrolinx | Toronto, Ontario, Canada | $94,000 | June 2020 – October 2021

Report author responsible for preparation of various Phase One ESA reports. The project mandate was to provide Phase One ESAs for sixty-two (62) properties along the SSE project area (McCowan Alignment: from Eglinton/Midland to Sheppard/McCowan).

Sterling Road Developments

Castlepoint Greybrook Sterling Inc. | Toronto, Ontario, Canada | $500,000+ | April 2019 – October 2021

Environmental technician and report author responsible for field activities associated with the execution of soil and groundwater investigations, followed by remediation and confirmatory sampling and/or Risk Assessments in support of RSC Filing, and Phase One and Phase Two reporting. The project mandate was to provide environmental, geotechnical and hydrogeological

services including contaminant monitoring, remediation, air-quality sampling and Record of Site Conditions (RSC) for select commercial and residential redevelopment of several parcels of land formerly owned and operated as an aluminium manufacturing facility.

City of Toronto Modular Homes Hydrogeological Assessment

City of Toronto | Toronto, Ontario, Canada | February 2021 – June 2021

Environmental technician responsible for activities associated with the hydrogeological field investigation including hydraulic conductivity assessment, and background water quality assessment.

Phase One and Two Environmental Site Assessments, Various Sites

Region of Peel | Peel Region | Ontario, Canada | January 2019 – October 2021

Responsibilities included environmental soil and groundwater investigations, soil characterization projects and soil remediation for various projects for the Region of Peel. Responsibilities includes the completion of field work as well as report preparation, coordination with field staff, and consultation with the client.

Environmental Soil/Sub Slab Vapour and Indoor Air Monitoring

Tribal-Castlepoint-Kerbel | Toronto, Ontario, Canada | April 2019 – October 2021

Environmental Technician responsible for quarterly collection and submission of soil vapour, sub slab vapour and indoor air samples. The project mandate was to oversee on-going environmental monitoring activities in accordance with the Amendment to the CPU and the RMP. Monitoring was to ensure the sub-slab vapour system was in good working order, and that indoor air vapour samples were not affected from off gassing of any impacted soil.

266 – 284 King Street West Development Site

GG Duncan Inc. | Toronto, Ontario, Canada | November 2020 – May 2021

Environmental technician and report author responsible for field activities associated with the execution of soil and groundwater investigations in support of RSC Filing, and Phase One and Phase Two reporting. The project mandate was to provide environmental, geotechnical and hydrogeological services for commercial and residential redevelopment of several parcels of land.

Career history

2021 - present	GHD, Environmental Scientist, Toronto, ON
2019 - 2021	WSP, Environmental Technician, Toronto, ON

A GHD Principal

Warren Croft P.ENG., QP_{ESA}

Engineering Leader

Location

Toronto, Ontario, Canada

Experience

20 years

Qualifications/Accreditations

– B.Sc., Engineering, University of Guelph, 2001
– Qualified Person for Environmental Site Assessment (QP_{ESA}), under Ontario Regulation (O.REG) 153/04

Key technical skills

– Environmental Site Assessments
– Environmental Risk Management
– Project Management

Memberships

– Registered Professional Engineer: Ontario

Relevant experience summary

Warren is a Principal/Vice-President at GHD with 20 years of experience in the management of environmental and remediation projects, including over 200 projects in Ontario relating to Phase I and II Environmental Site Assessments (ESAs), Record of Site Condition (RSC), Designated Substances Surveys (DSS), asbestos abatement, environmental remediation, brownfield redevelopment, environmental compliance/permitting, and risk assessment. He guides clients in managing environmental liabilities to support long-term business needs, including the development and implementation of risk management plans. Additionally, Warren is a QPESA for filing RSCs and submitting Phase Two ESA conceptual site models (CSMs) to support Risk Assessments (RAs). Furthermore, Warren acts as a technical ESA resource and leads ESA components of many large, multidisciplinary infrastructure projects throughout the province.

Municipal/Public Infrastructure

RSC Guidance

Technical Advisor
RSC Guidance | City of Barrie | Barrie, ON | 2019 – present

Warren is the Technical Advisor for the preparation of a RSC guidance document to assist City of Barrie in evaluating development applications. The guidance documents outlines how the RSC filing process impacts different types of development applications, and identifies the roles/ responsibilities of different City departments in confirming compliance with Ontario Regulation 153/04.

Project Director

Toronto Street and Simcoe Street Environmental Investigation | City of Barrie | Barrie, ON | 2018 – 2019

Warren is the Project Director for an environmental investigation to document potential extent of impact in the area of Toronto Street and Simcoe Street in Barrie. Warren met with City staff to provide guidance regarding environmental conditions, and options to investigate and/or remediate identified impacts.

ESA Lead

Northeast Vaughan Water and Wastewater Servicing | York Region, ON | 2017 – 2019

Warren acts as the Environmental Site Assessment Lead for the completion of ESA screening and soil/groundwater sampling strategy for the Northeast Vaughan Water and Waster Servicing project. Warren also provided guidance to the project team regarding ESA requirements for potential land acquisition.

Soil Characterization Program

Environmental Lead |
Waterfront Toronto | Toronto, Ontario, Canada | 2016

Technical advisor during the environmental investigation of a portion of Toronto's Port Lands area, in support of the re-routing of the mouth of the Don River. Supported GHD's project management team and field team in the interpretation of historical records, and completion of soil and groundwater sampling at the site.

Upper York Sewage Solutions (UYSS)

ESA Lead
Regional Municipality of York | East Gwillimbury, Ontario, Canada | 2014 - 2016

Warren acts as the Environmental Site Assessment Lead for the completion of Phase One and Two ESAs to support property acquisition and project planning for the Upper York Sanitary Sewer project. He works with the other discipline leads to ensure that project milestones are met and the client's environmental liability is minimized during property acquisition and construction.

Burnhamthorpe Road Watermain Twinning

Environmental Lead |
Regional Municipality of Peel | Mississauga, Ontario, Canada | 2014 - 2016

Warren acts as environmental lead and completed a Contaminant Inventory and a Phase One ESA to support the Region's project planning. Warren provided guidance regarding identifying higher risk properties and potential contaminant sources within proposed construction areas, and provided recommendations regarding environmental risk at the higher risk properties.

480 Lakeshore Blvd. East

Environmental Lead |
Waterfront Toronto | Toronto, Ontario, Canada | 2011 - 2016

Warren acted as the technical lead and primary Site Assessor for the completion of a Phase I ESA of a former bulk fuel storage facility. Warren provided guidance to the project team regarding the findings of the Phase I ESA and the requirements for soil and groundwater sampling at the Site. Warren subsequently supported the construction of specific Risk Management Measures to comply with City of Toronto requirements.

Seneca College King Campus Expansion

Project Manager |
Seneca College | King City, Ontario, Canada | 2014 - 2016

Warren acted as Project Manager for the completion of environmental and geotechnical investigations at King City campus of Seneca College in support of a proposed building expansion following Infrastructure Ontario's AFP model. Based on the results of preliminary environmental investigations, a Due Diligence Risk Assessment was completed to document potential environmental risks associated with road salt impacts to the Site. GHD's team worked with Seneca College staff to complete the work at an active educational facility, while minimizing impacts to staff and students. He coordinated site access, including work around entrance roads, along Dufferin Street, and within active agricultural fields and acted as technical lead for environmental components of the project.

Etobicoke General Hospital

Project Manager |
William Osler Health System | Etobicoke, Ontario, Canada | 2014 - 2015

Warren acted as Project Manager for the completion of environmental and geotechnical investigations at Etobicoke General Hospital in support of proposed redevelopment. Coordinated site access, including work around emergency room entrance, main entrance, and visitor parking areas. Acted as technical lead for environmental components of the project.

Milton District Hospital

Environmental Lead |
Shared Services West | Milton, Ontario, Canada | 2013 - 2014

Warren acted as the Environmental Lead for environmental investigations at Milton Hospital, including the completion of Phase One and Two ESAs and coordination of asbestos sampling activities. Worked with the geotechnical lead to ensure that appropriate environmental samples were collected, while minimizing the number of boreholes/monitoring wells at the site. Assisted Milton Hospital and Shared Services West staff in negotiating environmental management requirements with the municipality and Infrastructure Ontario.

Infrastructure Ontario

Thistletown Regional Campus

Project Manager |
Infrastructure Ontario (IO) | Toronto, Ontario, Canada | 2013 - presents

Project manager for the completion of Phase I and II ESAs, completion of designated substances surveys, design and oversight of remedial program, and completion of a due diligence risk assessment at the Thistletown Regional Campus in Toronto, Ontario. Coordinated access with facility personnel, and developed specific health and safety protocols to ensure that investigative activities did not pose a risk to property residents.

Ontario Place Redevelopment

Project Manager |
Infrastructure Ontario | Toronto, Ontario, Canada | 2012 - present

Warren acts as Project Manager for due diligence activities at Ontario Place, which have included Designated Substances Survey, Building Condition Surveys, Phase One and Two ESAs, and Geotechnical Investigations. Warren is currently managing the completion of a Phase One and Two ESA, Risk Assessment, and Record of Site Condition for a portion of the east island, to support the Urban Park and Waterfront Trail project. Warren also provides guidance to Infrastructure Ontario and their park design team regarding the design and construction of Risk Management Measures and imported soil quality requirements, to ensure that ongoing construction is consistent with the Risk Assessment and that the soil brought to the proposed park is suitable for use at Ontario Place.

Vendor of Record, Central and Southwestern Regions

Technical Lead |
Infrastructure Ontario | Ontario, Canada | 2012 - 2016

Warren acts as a technical lead and primary contact for GHD's Vendor of Record contract with Infrastructure Ontario, which has included Phase One and Two ESAs, designated substances surveys, remediation oversight, Risk Assessment, and Records of Site Condition. Warren attends monthly vendor calls, tracks performance of GHD's projects, acts as a key technical contact regarding environmental site assessments, and also manages a variety of Infrastructure Ontario projects.

Proposed ErinOak Kids

QP$_{ESA}$ |
Infrastructure Ontario | Brampton, Ontario, Canada | 2014 - 2015

QPESA for the filing of Records of Site Condition for two parcels of land associated with the proposed ErinOak Kids Brampton facility. Coordinated the completion of Phase One and Two ESAs, provided guidance to the current property owner (City of Brampton) regarding the RSC process and the documents that must be prepared and signed by the owner to support the RSC filing, and coordinated with MOECC Brownfields group staff regarding the RSC filing. Filed two RSCs on the Ontario Environmental Site Registry, which were acknowledged by MOECC.

Proposed Mackenzie Vaughan Hospital

Project Manager |
Infrastructure Ontario | Vaughan, Ontario, Canada | 2013 - 2015

Warren acted as Project Manager for the completion of environmental, geotechnical, and hydrogeological investigations at the proposed Mackenzie Vaughan Hospital. The project was completed following Infrastructure Ontario's Alternative Financing and Procurement (AFP) Guidance Document for Environmental and Geotechnical Investigations. GHD also worked with staff and consultants from the City of Vaughan to support the remediation of localized soil impacts and the filing of a Record of Site Condition. He coordinated site access and acted as technical lead for environmental components of the project.

Due Diligence

Project Manager |
Infrastructure Ontario | Ontario, Canada | 2013 - 2015

Project Manager for the completion of a Designated Substances Survey and Phase One ESA at a potential redevelopment property in Toronto. Subsequently provided technical guidance to Infrastructure Ontario regarding the disentanglement of the building heating system from adjacent structures, including the removal of asbestos on piping. Provided recommendations regarding building ventilation requirements to prevent mold growth. Currently working with Infrastructure Ontario to develop abatement specifications for the Designated Substances in the building.

Former St.Thomas Psychiatric Facility

Project Manager |
Infrastructure Ontario | St.Thomas, Ontario, Canada | 2012 - 2013

Project manager for the completion of a Phase One ESA and Soil/Groundwater quality investigation at the St. Joseph's Regional Mental Health facility in St. Thomas, Ontario. Completed interviews with facility personnel, inspected client and resident spaces, and coordinated health and safety requirements for the completion of the soil and groundwater sampling activities.

Environmental Specialist (Secondment)

Infrastructure Ontario | Toronto, Ontario, Canada | 2010 - 2012

Warren assisted Infrastructure Ontario in the management of environmental consultants and contractors at the West Don Lands in Toronto, Ontario in support of the redevelopment of a large brownfield property into the 2015 Pan Am Games Athletes' Village. Tasks included coordination of consultants and contractors, providing guidance to ORC staff on the environmental approvals process, and review of Phase I/II ESAs, Risk Assessments, Certificates of Property Use, and Records of Site Condition completed in accordance with the recently revised Regulation 153/04. Attended meetings with stakeholders including Ministry of Environment, City of Toronto, Waterfront Toronto, Infrastructure Ontario, and prospective developers to support Infrastructure Ontario staff in their role.

Industrial/Private Infrastructure

Risk Assessment

Project Manager |
Confidential Client | Toronto, Ontario, Canada | 2013 - present

Project Manager and QP (ESA) for the completion of a Phase One and Two ESA, and Risk Assessment at an active industrial property in Toronto, Ontario, completed to support the sale of the property, and to document liabilities at the time of the sale.

Risk Assessment

Project Coordinator |
Confidential Client | Mississauga, Ontario, Canada | 2012 - present

Project Coordinator and QPESA for a Phase One ESA, Phase Two ESA, and Risk Assessment of an industrial brownfield site. The project included development of risk based remedial targets for soil remediation, followed by the completion of a Risk Assessment to manage remaining soil and groundwater impacts.

Proposed Holt Pit

ESA Support |
Rice Commercial Group Ltd. | Newmarket, Ontario, Canada |2017 - 2019

Warren provided Phase One and Two ESA support to the project team related to the proposed Holt Pit. Warren's role focused on Phase One ESA technical review, and confirming that the ESAs met the minimum requirements of Ontario Regulation 153/04, as amended, as well as coordinating sampling requirements with other technical leads.

Healthcare Centre Redevelopment

Environmental Lead |
West Park | Toronto, Ontario, Canada| 2016

Environmental lead for the completion of Phase One and Two Environmental Site Assessments in support of the proposed expansion of the facility. Supported client decision making regarding environmental risk, potential sources of environmental impact, and soil/groundwater management during future construction.

Environmental Due Diligence

Project Manager|
Confidential Client | Toronto, Ontario, Canada | 2016

Warren acts as the project manager for the completion of Phase I ESAs, Phase II ESAs, property condition assessments, remedial cost estimates, and risk evaluations for three industrial properties. GHD's client was considering the acquisition of the three properties, and required technical guidance regarding environmental liabilities, and options to mitigate environmental risks for the long-term use of the Site.

Lakeview Power Plant

Project Manager|
Ontario Power Generation | Mississauga, Ontario, Canada |
2015 - 2016

Warren acts as the project manager for ongoing environmental activities at the former OPG Lakeview Power Plant. GHD has completed extensive environmental investigations, focused environmental remediation, and Risk Assessment activities in support of OPG's land use and disposition planning. Currently supporting OPG's goals of facilitating the redevelopment of the Site in accordance with the Inspiration Lakeview vision.

Assembly Plant Demolition

Environmental Lead and QP$_{ESA}$ |
Ford | St.Thomas, Ontario | 2014 - 2016

Warren acted as the lead environmental site assessor and QPESA for the completion of Phase One and Two ESAs at the Ford St. Thomas facility. Obtained Record of Site Condition (RSC) for one portion of the Site, and supported GHD's Risk Assessment and Remediation teams in the assessment and remediation of the other portions of the Site.

Review of Excess Soil Management in Ontario

Team Member |
GHD | Ontario, Canada | 2015

Warren was a member of GHD's project team to complete a review of excess soil management in Ontario. Warren's role focused on identifying common practices, and best practices among contractors, municipalities, and government related agencies, to support the development of an improved process to manage excess soil in Ontario.

Risk Evaluation

Project Coordinator |
Confidential Client | Toronto | 2013 - 2014

Warren acted as project coordinator during a risk evaluation project, to support a potential property sale. His scope included coordinating access to an active facility, discussing the scope of work with potentially affected tenants, coordinating soil, groundwater, and indoor air monitoring activities, and reporting. The project team subsequently completed a risk evaluation, supported with Risk Management Measures developed by Warren and his team. The client was able to complete the transaction of the property, despite documented environmental liability concerns.

Risk Management Measure Implementation

Project Manager |
Confidential Client | Toronto, Ontario, Canada | 2010 - 2013

Project Manager for the oversight of Risk Management Measure (RMM) implementation, to comply with the requirements of a Certificate of Property Use. Activities completed by GHD included preparation of soil and groundwater management plan, preparation of Health and Safety Plan, dust monitoring, soil tracking, barrier construction inspection, and reporting. Warren acted as Project Manager and primary liaison for the client and their contractor, to ensure that the Certificate of Property Use requirements were understood and implemented.

Career history

2001 - present	GHD (formerly Conestoga Rovers & Associates), Toronto, ON, [Role]
2010	Named Associate
2017	Named Principal

Appendix B

Regulatory Agency Records

From: Salar, Nasreen (MECP)
To: David Blair
Subject: FOI Acknowledgement letter
Date: Friday, October 29, 2021 1:04:00 PM
Attachments: image001.jpg
image003.jpg
A-2021-06961.pdf

Hi David,

Please see attached acknowledgement letter and ignore my previous one as I've updated your current address on this one.

Thank you,

Nasreen Salar

FOI Administrative Officer
Information Management and Access Branch
Ministry of the Environment, Conservation and Parks
12th Floor, 40 St. Clair Avenue West, Toronto, ON M4V 1M2
Email: Nasreen.salar@ontario.ca | Mobile: (647) 330 4599

Website: www.ontario.ca/environment

If you have any accommodation needs or require communication supports or alternate formats, please let me know.
Si vous avez besoin d'un aménagement particulier, de soutien à la communication ou de supports de substitution, veuillez m'en informer.

We've gone digital! Use our new online form to submit your FOI requests and payments with ease! Requests submitted by fax will no longer be accepted starting August 31, 2021.

Ministry of the Environment, Conservation and Parks

Access and 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, de la Protection de la nature et des Parcs

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

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

Ontario

October 29, 2021

David Blair
GHD
184 Front Street East, Suite 302
Toronto, ON M5A 4N3

Dear David Blair:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2021-06961, Your Reference 12564451

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).

The search will be conducted on the following: 50 Sherwood Heights Drive, Oakville. 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 and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

This is to advise you, we've gone digital! Requests submitted by fax will no longer be accepted starting August 31, 2021. If you submitted requests by fax before August 31, 2021, we'll process it. Please don't re-submit it using the online form or you might get charged twice. The online form can be found on the central forms repository at the following link https://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/FormDetail?OpenForm&ACT=RDR&TAB=PROFILE&SRCH=1&ENV=WWE&TIT=freedom+of+information&NO=012-2146E.

If you have any questions regarding this matter, please contact Nasreen Salar at or nasreen.salar@ontario.ca.

Yours truly,

Original signed by

Noel Kent
Manager, Access and Privacy

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, October 13, 2021 2:15 PM
To: David Blair
Subject: RE: Records Search - 50 Sherwood Heights Drive, Oakville, ON

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

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

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

Kind regards,

Mariah

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: David Blair

<David.Blair@ghd.com>
Sent: October 13, 2021 12:52 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records Search - 50 Sherwood Heights Drive, Oakville, ON

Hello,

Can you please search your database for USTs, ASTs, spills, incidents, etc. for the following addresses in Oakville, Ontario:

1) 50 Sherwood Heights Drive
2) 2480 Sherwood Heights Drive
3) 2660 Sherwood Heights Drive

4) 2680 Sherwood Heights Drive
5) 2667 Kingsway Drive
6) 1191 Ford Drive

Thanks,

David Blair
M.Sc.
Environmental Scientist

GHD
Proudly employee-owned | ghd.com
184 Front Street East #302, Toronto, ON, M5A 4N3
D 416 866-2353 **M** 514-776-6525 **E** david.blair@ghd.com

From:	Public Information Services
To:	David Blair
Subject:	Automatic reply: Records Search - 50 Sherwood Heights Drive, Oakville, ON
Date:	Wednesday, October 13, 2021 12:53:14 PM

Thank you for contacting the TSSA Public Information Department. Your email has been received.

Please note that due to the Covid-19 crisis, there is currently no guaranteed processing time for confirmation requests, general inquiries, and document requests. All requests will be responded to in the order received, with processing times based on the request type and the completeness of the applicable documentation.

Electronic Submissions and Communications

Please refrain from sending documents to head office and submit applications, payments, and other documents electronically.

When submitting applications electronically, send your completed application with the associated prepayment to publicinformationservices@tssa.org

The Application for Release of Public Information can be found at https://www.tssa.org/en/about-tssa/resources/Release-of-Records-form--Jan-2018Final.pdf

Appendix C

Environmental Databases Search Report

DATABASE REPORT

Project Property:	*50 Sherwood Heights Drive, Oakville* *50 Sherwood Heights Drive, Oakville* *Oakville ON L6J*
Project No:	*12564451*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*21100600190*
Requested by:	*GHD Limited*
Date Completed:	*October 12, 2021*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*50 Sherwood Heights Drive, Oakville* *50 Sherwood Heights Drive, Oakville Oakville ON L6J*
Project No:	*12564451*

Order Information:

Order No:	*21100600190*
Date Requested:	*October 6, 2021*
Requested by:	*GHD Limited*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*ANSI Map & Ontario Base Map (OBM)*
Topographic Map	*National Topographic Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	14	14
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	6	6
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	0	13	13
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	2	2
	Total:		0	38	38

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	SPL	PRIVATE OWNER	FORD DRIVE & QEW EASTBOUND RAMP. MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	SSE/26.4	-6.92	19
2	SPL	TRANSPORT TRUCK	KINGSWAY DR AT FORD DR MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	SE/33.2	-14.90	19
3	WWIS		lot 5 con 2 ON ***Well ID:*** 2802356	W/71.2	-2.88	20
4	SCT	AutoART Color Solutions Inc.	1250 Winterbourne Dr Oakville ON L6J 7G2	E/132.1	-1.84	22
5	SCT	Balgord Software Solutions	2660 Sherwood Heights Dr Suite 202 Oakville ON L6J 7Y8	NNW/135.8	13.57	22
5	EHS		2660 Sherwood Heights Drive Oakville ON L6J 7Y8	NNW/135.8	13.57	23
5	EHS		2660 Sherwood Heights Drive Oakville ON L6J 7Y8	NNW/135.8	13.57	23
5	EHS		2660 Sherwood Heights Drive Oakville ON L6J 7Y8	NNW/135.8	13.57	23
5	EHS		2660 Sherwood Heights Drive Oakville ON L6J 7Y8	NNW/135.8	13.57	23
6	EHS		2660 Sherwood Heights Dr Oakville ON L6J7Y8	NNW/136.1	13.90	23
7	SPL		Eastbound 403 ramp to Queen Elizabeth Way Oakville ON	WNW/149.4	9.17	24

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	BORE		ON	WSW/184.3	-3.09	24
9	SPL	UNKNOWN	403 QUEEN E -WESTBOUND HALTON R.M. ON	NW/190.2	11.11	25
9	SPL	METRO WEED CONTROL	403 ENTERING QEW TANK TRUCK (CARGO) MISSISSAUGA CITY ON	NW/190.2	11.11	25
9	SPL	LAIDLAW TRANSPORT	JUNCTION OF WESTBOUND HWY 403 AT SOUTHBOUND QEW TRANSPORT TRUCK (CARGO) HALTON R.M. ON	NW/190.2	11.11	26
9	SPL	TRANSPORT TRUCK	QEW E/B, EAST OF HWY 403 MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	NW/190.2	11.11	26
9	SPL	Reimer Express Lines Ltd.	HWY 403 EASTBOUND AT QEW INTERCHANGE<UNOFFICIAL> Oakville ON	NW/190.2	11.11	27
10	WWIS		ON ***Well ID:*** 7329086	NNW/190.3	14.91	27
11	BORE		ON	W/195.6	-3.17	28
12	BORE		ON	W/200.9	-4.39	29
13	EHS		Ford Dr Oakville ON	SSE/202.2	-16.46	30
14	BORE		ON	WSW/207.3	-6.60	30
15	SPL	TRANSPORT TRUCK	ON THE QEW IN FRONT OF FORDS MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	WSW/218.4	-4.91	31
15	SPL		QEW/FORD DRIVE.<UNOFFICIAL> Oakville ON	WSW/218.4	-4.91	31

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	SPL	Marex Transport<UNOFFICIAL>	QEW East bound Ford Drive Off-Ramp Oakville ON	WSW/218.4	-4.91	32
15	SPL	Bot Construction Limited	QEW and Ford Drive (100 m) Oakville ON	WSW/218.4	-4.91	32
16	BORE		ON	WSW/219.8	-6.20	33
17	BORE		ON	WSW/220.3	-6.27	34
18	BORE		ON	W/224.8	2.19	34
19	BORE		ON	W/225.8	3.07	35
20	BORE		ON	WNW/228.1	11.58	36
21	SPL		1302 Valerie Crescent Oakville ON	ENE/231.7	4.50	37
21	PINC	BURLOAK DECK & FENCE	1302 VALERIE CRES,,OAKVILLE,ON,L6J 7E5,CA ON	ENE/231.7	4.50	37
22	BORE		ON	W/233.9	-0.02	38
23	BORE		ON	WNW/245.6	12.06	38
24	BORE		ON	W/245.8	-1.64	39
25	BORE		ON	W/246.9	-2.11	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	BORE		ON	WNW/248.3	12.24	41

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 14 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	184.3	8
	ON	195.6	11
	ON	200.9	12
	ON	207.3	14
	ON	219.8	16
	ON	220.3	17
	ON	224.8	18
	ON	225.8	19
	ON	228.1	20

Site	Address	Distance (m)	Map Key
	ON	233.9	22
	ON	245.6	23
	ON	245.8	24
	ON	246.9	25
	ON	248.3	26

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2660 Sherwood Heights Drive Oakville ON L6J 7Y8	135.8	5
	2660 Sherwood Heights Drive Oakville ON L6J 7Y8	135.8	5
	2660 Sherwood Heights Drive Oakville ON L6J 7Y8	135.8	5
	2660 Sherwood Heights Drive Oakville ON L6J 7Y8	135.8	5
	2660 Sherwood Heights Dr Oakville ON L6J7Y8	136.1	6

Site	Address	Distance (m)	Map Key
	Ford Dr Oakville ON	202.2	13

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
BURLOAK DECK & FENCE	1302 VALERIE CRES,,OAKVILLE,ON,L6J 7E5,CA ON	231.7	21

SCT - Scott's Manufacturing Directory

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

Site	Address	Distance (m)	Map Key
AutoART Color Solutions Inc.	1250 Winterbourne Dr Oakville ON L6J 7G2	132.1	4
Balgord Software Solutions	2660 Sherwood Heights Dr Suite 202 Oakville ON L6J 7Y8	135.8	5

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 13 SPL site(s) within approximately 0.25 kilometers of the project property.

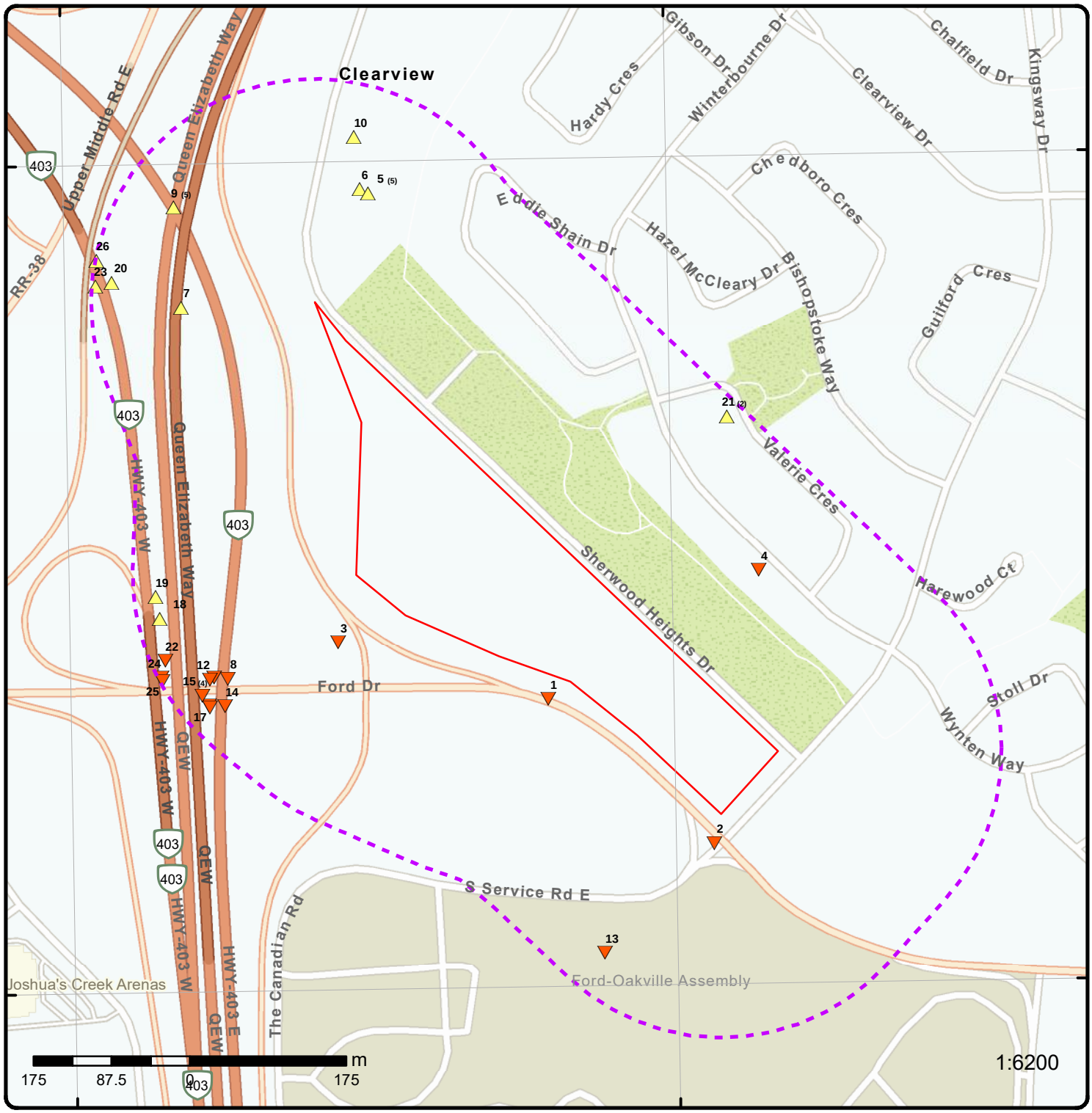
Site	Address	Distance (m)	Map Key
PRIVATE OWNER	FORD DRIVE & QEW EASTBOUND RAMP. MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	26.4	1
TRANSPORT TRUCK	KINGSWAY DR AT FORD DR MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	33.2	2

Site	Address	Distance (m)	Map Key
	Eastbound 403 ramp to Queen Elizabeth Way Oakville ON	149.4	7
Reimer Express Lines Ltd.	HWY 403 EASTBOUND AT QEW INTERCHANGE<UNOFFICIAL> Oakville ON	190.2	9
TRANSPORT TRUCK	QEW E/B, EAST OF HWY 403 MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	190.2	9
LAIDLAW TRANSPORT	JUNCTION OF WESTBOUND HWY 403 AT SOUTHBOUND QEW TRANSPORT TRUCK (CARGO) HALTON R.M. ON	190.2	9
METRO WEED CONTROL	403 ENTERING QEW TANK TRUCK (CARGO) MISSISSAUGA CITY ON	190.2	9
UNKNOWN	403 QUEEN E -WESTBOUND HALTON R.M. ON	190.2	9
Bot Construction Limited	QEW and Ford Drive (100 m) Oakville ON	218.4	15
Marex Transport<UNOFFICIAL>	QEW East bound Ford Drive Off-Ramp Oakville ON	218.4	15
	QEW/FORD DRIVE.<UNOFFICIAL> Oakville ON	218.4	15
TRANSPORT TRUCK	ON THE QEW IN FRONT OF FORDS MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	218.4	15
	1302 Valerie Crescent Oakville ON	231.7	21

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 5 con 2 ON ***Well ID:*** 2802356	71.2	3
	ON ***Well ID:*** 7329086	190.3	10



Map: 0.25 Kilometer Radius

Order Number: 21100600190

Address: 50 Sherwood Heights Drive, Oakville, Oakville, ON

ERIS

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

79°40'30"W

43°30'N

43°30'N

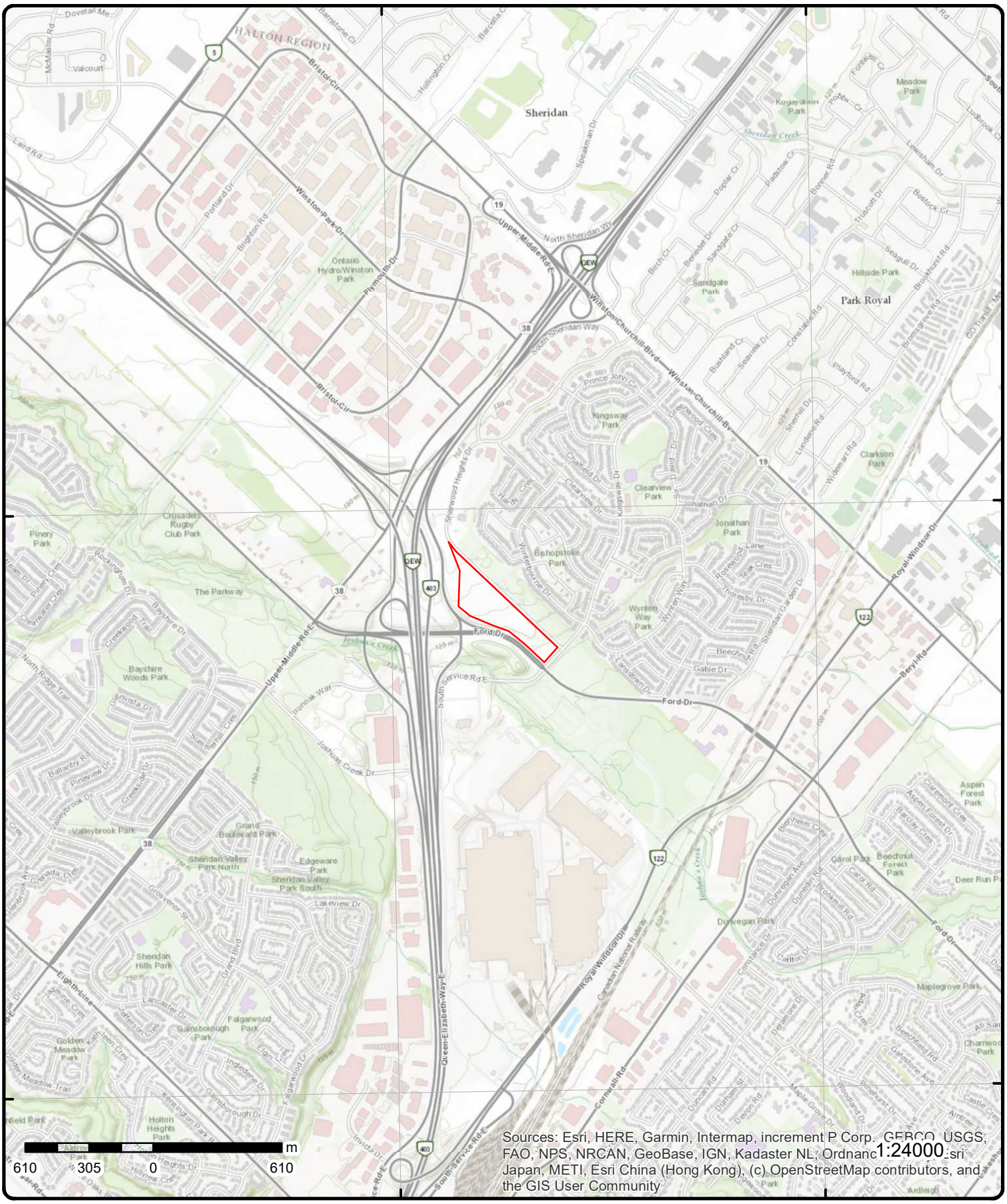
Aerial

Year: 2019

Order Number: 21100600190

Address: 50 Sherwood Heights Drive, Oakville, Oakville, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 21100600190

Address: 50 Sherwood Heights Drive, Oakville, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/26.4	125.3 / -6.92	PRIVATE OWNER FORD DRIVE & QEW EASTBOUND RAMP. MOTOR VEHICLE (OPERATING FLUID) BURLINGTON CITY ON	SPL

Ref No:	76004	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/9/1992	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14101
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	OPP,MTO.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/9/1992	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE OWNER-90 LITERS GASLONE TO SHOULDER OF ROADWAY,2 AUTO MVA,MTO.		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SE/33.2	117.3 / -14.90	TRANSPORT TRUCK KINGSWAY DR AT FORD DR MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON	SPL

Ref No:	147631	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	10/9/1997	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	14403
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	WORKS, FD
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	10/9/1997	**Site Map Datum:**	

Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UNK TRANSPORT-200L DIESELTO ROAD & SHOULDER. WORKSCLEANING.
Contaminant Qty:
SAC Action Class:
Source Type:

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3 | **1 of 1** | **W/71.2** | **129.3 / -2.88** | **lot 5 con 2 ON** | **WWIS**

Well ID: 2802356
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/2/1962
Selected Flag: True
Abandonment Rec:
Contractor: 1307
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 005
Concession: 02
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802356.pdf

Additional Detail(s) (Map)

Well Completed Date: 1962/07/25
Year Completed: 1962
Depth (m): 6.096
Latitude: 43.4951576777757
Longitude: -79.6713292535853
Path: 280\2802356.pdf

Bore Hole Information

Bore Hole ID: 10148906
DP2BR: 8.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 25-Jul-1962 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 128.831863
Elevrc:
Zone: 17
East83: 607424.60
North83: 4816661.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID:	931428352
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931428353
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802356
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10697476
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253379
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	20
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID: 992802356
Pump Set At:
Static Level: 4.0
Final Level After Pumping:
Recommended Pump Depth: 18.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933604414
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20.0
Water Found Depth UOM: ft

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4 | ***1 of 1*** | ***E/132.1*** | ***130.3 / -1.84*** | ***AutoART Color Solutions Inc.***
1250 Winterbourne Dr
Oakville ON L6J 7G2 | ***SCT***

Established: 01-JAN-89
Plant Size (ft²):
Employment:

--Details--
Description: Paper (except Newsprint) Mills
SIC/NAICS Code: 322121

Description: Commercial Screen Printing
SIC/NAICS Code: 323113

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5 | ***1 of 5*** | ***NNW/135.8*** | ***145.8 / 13.57*** | ***Balgord Software Solutions***
2660 Sherwood Heights Dr Suite 202
Oakville ON L6J 7Y8 | ***SCT***

Established: 01-SEP-93
Plant Size (ft²):
Employment:

--Details--
Description: Computer Systems Design and Related Services
SIC/NAICS Code: 541510

Description: Computer Training
SIC/NAICS Code: 611420

Description: Computer, Computer Peripheral and Pre-Packaged Software Wholesaler-Distributors
SIC/NAICS Code: 417310

Description: Computer Systems Design and Related Services

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:	541510				

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5 **2 of 5** **NNW/135.8** **145.8 / 13.57** **2660 Sherwood Heights Drive Oakville ON L6J 7Y8** **EHS**

Order No:	20200720018	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JUL-20	**Search Radius (km):**	.25
Date Received:	20-JUL-20	**X:**	-79.6708216
Previous Site Name:		**Y:**	43.4996797
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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5 **3 of 5** **NNW/135.8** **145.8 / 13.57** **2660 Sherwood Heights Drive Oakville ON L6J 7Y8** **EHS**

Order No:	20200720018	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JUL-20	**Search Radius (km):**	.25
Date Received:	20-JUL-20	**X:**	-79.6708216
Previous Site Name:		**Y:**	43.4996797
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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5 **4 of 5** **NNW/135.8** **145.8 / 13.57** **2660 Sherwood Heights Drive Oakville ON L6J 7Y8** **EHS**

Order No:	20200720018	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JUL-20	**Search Radius (km):**	.25
Date Received:	20-JUL-20	**X:**	-79.6708216
Previous Site Name:		**Y:**	43.4996797
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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5 **5 of 5** **NNW/135.8** **145.8 / 13.57** **2660 Sherwood Heights Drive Oakville ON L6J 7Y8** **EHS**

Order No:	20200720018	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JUL-20	**Search Radius (km):**	.25
Date Received:	20-JUL-20	**X:**	-79.6708216
Previous Site Name:		**Y:**	43.4996797
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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6 **1 of 1** **NNW/136.1** **146.1 / 13.90** **2660 Sherwood Heights Dr Oakville ON L6J7Y8** **EHS**

Order No:	20170619034	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	22-JUN-17	**Search Radius (km):**	.25

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

Date Received:	19-JUN-17	**X:**	-79.67094
Previous Site Name:		**Y:**	43.499722
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

7 **1 of 1** **WNW/149.4** **141.4 / 9.17** **Eastbound 403 ramp to Queen Elizabeth Way Oakville ON** **SPL**

Ref No:	7823-ASWFRD	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2017/11/08	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Collision/Accident	**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	Eastbound 403 ramp to Queen Elizabeth Way
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1202	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Oakville
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Source Water Zone	**Northing:**	4817036.09
MOE Response:	No	**Easting:**	607248.64
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2017/11/08	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Highway Spills (usually highway accidents)
Incident Reason:	Operator/Human Error	**Source Type:**	Truck - Only Saddle Tanks
Site Name:	TT MVA Spill Site<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:			
Incident Summary:	OPP: TT MVA, 150L Diesel to Ground, Contained		
Contaminant Qty:	150 L		

8 **1 of 1** **WSW/184.3** **129.1 / -3.09** **ON** **BORE**

Borehole ID:	890717	**Inclin FLG:**	No
OGF ID:	215583634	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-MAR-1977	**Municipality:**	
Static Water Level:	2.1	**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.494815
Total Depth m:	9.1	**Longitude DD:**	-79.672865
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607301
Drill Method:	Solid stem auger	**Northing:**	4816621
Orig Ground Elev m:	130	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	127		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for W-N ramp Hwy. 403 Structure over ford drive QEW?Ford Drive?403 Interchange W.P. 125-66-16 Site 10-287 District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

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

Geology Stratum ID:	8502439	**Mat Consistency:**	
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:	Bedrock	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Weathered, sound, shale bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502438	**Mat Consistency:**	Firm
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clayey silt, some sand trace of gravel occ. Organic inc. firm hard **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 5	NW/190.2	143.3 / 11.11	UNKNOWN 403 QUEEN E -WESTBOUND HALTON R.M. ON	SPL

Ref No:	4944	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	6/9/1988	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	TRUCK/TRAILER OVERTURN	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	14000
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/9/1988	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OVERTURNED TRUCK-UNKNOWN QUANTITY OF GASOLINE		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	2 of 5	NW/190.2	143.3 / 11.11	METRO WEED CONTROL 403 ENTERING QEW TANK TRUCK (CARGO) MISSISSAUGA CITY ON	SPL

Ref No:	9678	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/22/1988	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	TRUCK/TRAILER OVERTURN	**Sector Type:**	

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

Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	21102
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/22/1988	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	METRO WEED CONTROL-900 L HERBICIDE TO GRASS THIS MORNING		
Contaminant Qty:			

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9 **3 of 5** **NW/190.2** **143.3 / 11.11** **SPL**

LAIDLAW TRANSPORT
JUNCTION OF WESTBOUND HWY 403 AT SOUTHBOUND QEW TRANSPORT TRUCK (CARGO)
HALTON R.M. ON

Ref No:	13819	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	1/17/1989	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	TRUCK/TRAILER OVERTURN	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	14000
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	OPP, MOT
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/17/1989	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

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9 **4 of 5** **NW/190.2** **143.3 / 11.11** **SPL**

TRANSPORT TRUCK
QEW E/B, EAST OF HWY 403 MOTOR VEHICLE (OPERATING FLUID)
OAKVILLE TOWN ON

Ref No:	179606	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/16/2000	**Health/Env Conseq:**	
Year:		**Client Type:**	

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

Incident Cause:	OTHER TRANSPORTATION ACCIDENT	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14403
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	F.D.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/16/2000	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	DOUMA TRANSPORT: 400 L DIESEL TO QEW, F.D.,CONT-AINED,CLEANED,NO SEWERS.		
Contaminant Qty:			

9	5 of 5	NW/190.2	143.3 / 11.11	**Reimer Express Lines Ltd.** **HWY 403 EASTBOUND AT QEW INTERCHANGE<UNOFFICIAL>** **Oakville ON**	SPL

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

10	1 of 1	NNW/190.3	147.1 / 14.91	**ON**	WWIS

Well ID:	7329086	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	2/22/2019
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7230

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

Casing Material:		***Form Version:***	8
Audit No:	C44688	***Owner:***	
Tag:	A262712	***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2018/12/14
Year Completed:	2018
Depth (m):	
Latitude:	43.5002502398525
Longitude:	-79.6710023396745
Path:	

Bore Hole Information

Bore Hole ID:	1007388893	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	607442.00
Code OB Desc:		***North83:***	4817227.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	14-Dec-2018 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

11	***1 of 1***	***W/195.6***	***129.0 / -3.17***	***ON***	***BORE***

Borehole ID:	890777	***Inclin FLG:***	No
OGF ID:	215583694	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	22-MAR-1977	***Municipality:***	
Static Water Level:	1.2	***Lot:***	LOT 5
Primary Water Use:		***Township:***	TRAFALGAR
Sec. Water Use:		***Latitude DD:***	43.494827
Total Depth m:	8.9	***Longitude DD:***	-79.673051
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	607286
Drill Method:	Solid stem auger	***Northing:***	4816622
Orig Ground Elev m:	130	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	127		

Concession: CON 2 SOUTH OF DUNDAS ST
Location D: Foundation Investigation report for QEW Over ford drive W.P. 125-66-17, Site 10-286 QEW, District 4, Hamilton
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502603	**Mat Consistency:**	Very Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Silty	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: Clayey silt to silty clay, some sand traces of gravel, very stiff. Reworked **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502604	**Mat Consistency:**	Soft
Top Depth:	2.2	**Material Moisture:**	
Bottom Depth:	8.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Limestone	**Geologic Period:**	
Material 4:	Shaly	**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: Weathered, sound, Shale bedrock, Intermittent shale, shaly limestone & limestone beds, soft to hard, fine texture, shale is fissile, light grey colour, thin horizontal bedding with limestone (hard, fine texture fossiliferous) **Note: Many records provided by the department have a truncated [Stratum Description] field.

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12 **1 of 1** **W/200.9** **127.8 / -4.39** **ON** **BORE**

Borehole ID:	890719	**Inclin FLG:**	No
OGF ID:	215583636	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	22-MAR-1977	**Municipality:**	
Static Water Level:	1.5	**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.494809
Total Depth m:	8.9	**Longitude DD:**	-79.673113
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607281
Drill Method:	Seismic	**Northing:**	4816620
Orig Ground Elev m:	130	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	127		

Concession: CON 2 SOUTH OF DUNDAS ST
Location D: Foundation Investigation report for W-N ramp Hwy. 403 Structure over ford drive QEW?Ford Drive?403 Interchange W.P. 125-66-16 Site 10-287 District 4, Hamilton
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502442	**Mat Consistency:**	Very Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	

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

Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clayey silt, some sand, trace of gravel Very stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502443	**Mat Consistency:**	
Top Depth:	2.2	**Material Moisture:**	
Bottom Depth:	8.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Weathered, sound, shale, bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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13 | ***1 of 1*** | ***SSE/202.2*** | ***115.7 / -16.46*** | ***Ford Dr Oakville ON*** | ***EHS***

Order No:	20130307007	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	15-MAR-13	**Search Radius (km):**	.25
Date Received:	07-MAR-13	**X:**	-79.66771
Previous Site Name:		**Y:**	43.491994
Lot/Building Size:			
Additional Info Ordered:			

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14 | ***1 of 1*** | ***WSW/207.3*** | ***125.6 / -6.60*** | ***ON*** | ***BORE***

Borehole ID:	890716	**Inclin FLG:**	No
OGF ID:	215583633	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	23-MAR-1977	**Municipality:**	
Static Water Level:		**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.494537
Total Depth m:	9.5	**Longitude DD:**	-79.672909
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607298
Drill Method:	Solid stem auger	**Northing:**	4816590
Orig Ground Elev m:	129	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	128		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for W-N ramp Hwy. 403 Structure over ford drive QEW?Ford Drive?403 Interchange W.P. 125-66-16 Site 10-287 District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502437	**Mat Consistency:**	
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	9.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	

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

Material 1:	Shale	**Geologic Formation:**	
Material 2:	Bedrock	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Weathered, sound, shale bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502436	**Mat Consistency:**	Very Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clayey silt, some sand, trace of gravel very stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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15 | ***1 of 4*** | ***WSW/218.4*** | ***127.3 / -4.91*** | ***TRANSPORT TRUCK ON THE QEW IN FRONT OF FORDS MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON*** | ***SPL***

Ref No:	74525	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	8/11/1992	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	14403
Nature of Impact:	Water course or lake	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/11/1992	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	900 L OF DIESEL FUEL TO HWY. & SEWER FROM SADDLE TANK(S) ON TRANSPORT.		
Contaminant Qty:			

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15 | ***2 of 4*** | ***WSW/218.4*** | ***127.3 / -4.91*** | ***QEW/FORD DRIVE.<UNOFFICIAL> Oakville ON*** | ***SPL***

Ref No:	7041-5RCUH9	**Discharger Report:**	
Site No:		**Material Group:**	Oil
Incident Dt:	9/13/2003	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Halton-Peel

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

Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	Central
Environment Impact:	Confirmed	**Site Municipality:**	Oakville
Nature of Impact:	Soil Contamination	**Site Lot:**	
Receiving Medium:	Land	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/13/2003	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spill to Highway (Accident)
Incident Reason:		**Source Type:**	
Site Name:	QEW/FORD DRIVE.<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Kaler Transport-200 L diesel to HWY.		
Contaminant Qty:	200 L		

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15 | ***3 of 4*** | ***WSW/218.4*** | ***127.3 / -4.91*** | ***Marex Transport<UNOFFICIAL>*** | ***SPL***

QEW East bound Ford Drive Off-Ramp

Oakville ON

Ref No:	6640-9ADGM2	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	2013/08/08	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Collision/Accident	**Sector Type:**	Truck - Transport/Hauling
Incident Event:		**Agency Involved:**	
Contaminant Code:	27	**Nearest Watercourse:**	
Contaminant Name:	OIL ADDITIVES	**Site Address:**	QEW East bound Ford Drive Off-Ramp
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Oakville
Nature of Impact:	Soil Contamination	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2013/08/08	**Site Map Datum:**	
Dt Document Closed:	2013/08/30	**SAC Action Class:**	Land Spills
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	QEW<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Marex: oil spill due to TT rollover		
Contaminant Qty:	5 L		

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15 | ***4 of 4*** | ***WSW/218.4*** | ***127.3 / -4.91*** | ***Bot Construction Limited*** | ***SPL***

QEW and Ford Drive (100 m)

Oakville ON

Ref No:	6464-B9RMDK	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2/26/2019	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	**Site Address:**	QEW and Ford Drive (100 m)
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:	n/a	**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Central

Environment Impact:		**Site Municipality:**	Oakville
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	4816660
MOE Response:	No	**Easting:**	607215
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2/26/2019	**Site Map Datum:**	
Dt Document Closed:	6/8/2019	**SAC Action Class:**	Land Spills
Incident Reason:	Intentional Discharge	**Source Type:**	Pipeline/Components
Site Name:	spill<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:			
Incident Summary:	Bot Construction 80 L hydraulic spill		
Contaminant Qty:	80 L		

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16 **1 of 1** **WSW/219.8** **126.0 / -6.20** **ON** **BORE**

Borehole ID:	890776	**Inclin FLG:**	No
OGF ID:	215583693	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	23-MAR-1977	**Municipality:**	
Static Water Level:	1.2	**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.494548
Total Depth m:	9.1	**Longitude DD:**	-79.673131
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607280
Drill Method:	Solid stem auger	**Northing:**	4816591
Orig Ground Elev m:	128	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	126		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for QEW Over ford drive W.P. 125-66-17, Site 10-286 QEW, District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502601	**Mat Consistency:**	Hard
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Silty	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clayey silt to Silty clay, some sand. Trace of gravel Red, grey, hard **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502602	**Mat Consistency:**	Soft
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	Fine
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Limestone	**Geologic Period:**	
Material 4:	Shaly	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Weathered, sound, shale bedrock Intermittent shale, shaly limestone & limestone, fine texture, soft to med. Hard		

light grey, shale is fissile, thin bedding with limestone (med, hard, fine texture, light grey, fossiliferous) **Note: Many records provided by the department have a truncated [Stratum Description] field.

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17 *1 of 1* *WSW/220.3* *125.9 / -6.27* *ON* **BORE**

Borehole ID:	890718	***Inclin FLG:***	No
OGF ID:	215583635	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	23-MAR-1977	***Municipality:***	
Static Water Level:	1.5	***Lot:***	LOT 5
Primary Water Use:		***Township:***	TRAFALGAR
Sec. Water Use:		***Latitude DD:***	43.49453
Total Depth m:	9.1	***Longitude DD:***	-79.673119
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	607281
Drill Method:	Seismic	***Northing:***	4816589
Orig Ground Elev m:	128	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	126		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for W-N ramp Hwy. 403 Structure over ford drive QEW?Ford Drive?403 Interchange W.P. 125-66-16 Site 10-287 District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502440	***Mat Consistency:***	Hard
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clayey	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Clayey silt, some sand, trace of gravel hard **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502441	***Mat Consistency:***	
Top Depth:	.5	***Material Moisture:***	
Bottom Depth:	9.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:	Bedrock	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Weathered, sound, shale, bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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18 *1 of 1* *W/224.8* *134.4 / 2.19* *ON* **BORE**

Borehole ID:	890786	***Inclin FLG:***	No
OGF ID:	215583703	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	20-DEC-1977	***Municipality:***	
Static Water Level:		***Lot:***	LOT 5

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

Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.495429
Total Depth m:	13.7	**Longitude DD:**	-79.673792
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607225
Drill Method:	Solid stem auger	**Northing:**	4816688
Orig Ground Elev m:	146	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	133		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for W - N Ramp Hwy, 403 Under QEW W.P. 159-75-06, Site 10-284 QEW, District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502621	**Mat Consistency:**	Very Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silty	**Geologic Formation:**	
Material 2:	Clay	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clay silty, very stiff to hard **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502622	**Mat Consistency:**	Soft
Top Depth:	2.4	**Material Moisture:**	
Bottom Depth:	13.7	**Material Texture:**	Fine
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Limestone	**Geologic Period:**	
Material 4:	Shaly	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Queenston shale bedrock. Red to grey red fine texture soft and fissile with thin bedding including a few shaly limestone beds **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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19 | ***1 of 1*** | ***W/225.8*** | ***135.3 / 3.07*** | ***ON*** | ***BORE***

Borehole ID:	890787	**Inclin FLG:**	No
OGF ID:	215583704	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-DEC-1977	**Municipality:**	
Static Water Level:	2.1	**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.495646
Total Depth m:	5.4	**Longitude DD:**	-79.673849
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607220
Drill Method:	Solid stem auger	**Northing:**	4816712
Orig Ground Elev m:	146	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	134		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for W - N Ramp Hwy, 403 Under QEW W.P. 159-75-06, Site 10-284 QEW, District 4, Hamilton		
Survey D:			

Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502623	***Mat Consistency:***	Very Stiff
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silty	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: Silty clay very stiff to hard **Note: Many records provided by the department have a truncated [Stratum Description] field.

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20 ***1 of 1*** ***WNW/228.1*** ***143.8 / 11.58*** ***ON*** ***BORE***

Borehole ID:	890773	***Inclin FLG:***	No
OGF ID:	215583690	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	09-NOV-1977	***Municipality:***	
Static Water Level:	0.6	***Lot:***	LOT 4
Primary Water Use:		***Township:***	TRAFALGAR
Sec. Water Use:		***Latitude DD:***	43.498822
Total Depth m:	4.4	***Longitude DD:***	-79.674386
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	607171
Drill Method:	Hollow stem auger	***Northing:***	4817064
Orig Ground Elev m:	143	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	147		

Concession: CON 2 SOUTH OF DUNDAS ST

Location D: Foundation Investigation Report for QEW/Ford Drive/ 403 Link Interchange N - W Ramp Highway 403 Over Ramp E - N.S. and North Service Road W.P. 159-75-09, Site 10-283 District 4, Hamilton

Survey D:

Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502592	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			

Stratum Description: Topsoil **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502594	***Mat Consistency:***	
Top Depth:	2.7	***Material Moisture:***	
Bottom Depth:	4.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:	Bedrock	***Geologic Group:***	
Material 3:	Limestone	***Geologic Period:***	
Material 4:	Shaly	***Depositional Gen:***	
Gsc Material Description:			

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

Stratum Description: Weathered. Shale with seams of shaly limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502593	**Mat Consistency:**	Hard
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:

Stratum Description: Clayey silt with traces of sand hard **Note: Many records provided by the department have a truncated [Stratum Description] field.

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21 | ***1 of 2*** | ***ENE/231.7*** | ***136.7 / 4.50*** | ***1302 Valerie Crescent Oakville ON*** | ***SPL***

Ref No:	4843-AN3L3N	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	6/6/2017	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	1302 Valerie Crescent
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Oakville
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/6/2017	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	Operator/Human Error	**Source Type:**	Valve/Fitting/Piping

Site Name: TSSA FSB<UNOFFICIAL>
Site County/District: Regional Municipality of Halton
Site Geo Ref Meth:
Incident Summary: TSSA FSB; 1/2" pl IP line damage, made safe
Contaminant Qty: 0 other - see incident description

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21 | ***2 of 2*** | ***ENE/231.7*** | ***136.7 / 4.50*** | ***BURLOAK DECK & FENCE 1302 VALERIE CRES,,OAKVILLE,ON,L6J 7E5,CA ON*** | ***PINC***

Incident ID:		**Pipe Material:**	
Incident No:	2091602	**Fuel Category:**	
Incident Reported Dt:	6/6/2017	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	

Customer Acct Name: BURLOAK DECK & FENCE
Incident Address: 1302 VALERIE CRES,,OAKVILLE,ON,L6J 7E5,CA

Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

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22 ***1 of 1*** ***W/233.9*** ***132.2 / -0.02*** ***ON*** ***BORE***

Borehole ID:	890785	***Inclin FLG:***	No
OGF ID:	215583702	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	20-DEC-1977	***Municipality:***	
Static Water Level:		***Lot:***	LOT 5
Primary Water Use:		***Township:***	TRAFALGAR
Sec. Water Use:		***Latitude DD:***	43.495005
Total Depth m:	13.5	***Longitude DD:***	-79.673727
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	607231
Drill Method:	Solid stem auger	***Northing:***	4816641
Orig Ground Elev m:	145	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	131		

Concession: CON 2 SOUTH OF DUNDAS ST
Location D: Foundation Investigation report for W - N Ramp Hwy, 403 Under QEW W.P. 159-75-06, Site 10-284 QEW, District 4, Hamilton
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	8502619	***Mat Consistency:***	Very Stiff
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	2.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silty	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: Silty clay very stiff to hard **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	8502620	***Mat Consistency:***	Soft
Top Depth:	2.4	***Material Moisture:***	
Bottom Depth:	13.4	***Material Texture:***	Fine
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:	Limestone	***Geologic Period:***	
Material 4:	Shaly	***Depositional Gen:***	

Gsc Material Description:
Stratum Description: Queenston shale bedrock. Red to grey red fine texture soft and fissile with thin bedding including a few thin beds of shaly limestone.

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23 ***1 of 1*** ***WNW/245.6*** ***144.3 / 12.06*** ***BORE***

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

Borehole ID: 890772
OGF ID: 215583689
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 10-NOV-1977
Static Water Level: 0.6
Primary Water Use:
Sec. Water Use:
Total Depth m: 4.6
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Hollow stem auger
Orig Ground Elev m: 144
Elev Reliabil Note:
DEM Ground Elev m: 147
Concession: CON 2 SOUTH OF DUNDAS ST
Location D: Foundation Investigation Report for QEW/Ford Drive/ 403 Link Interchange N - W Ramp Highway 403 Over Ramp E - N.S. and North Service Road W.P. 159-75-09, Site 10-283 District 4, Hamilton
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 4
Township: TRAFALGAR
Latitude DD: 43.498788
Longitude DD: -79.674609
UTM Zone: 17
Easting: 607153
Northing: 4817060
Location Accuracy:
Accuracy: Within 10 metres

Borehole Geology Stratum

Geology Stratum ID: 8502590
Top Depth: .3
Bottom Depth: 2.9
Material Color:
Material 1: Silt
Material 2: Clayey
Material 3: Sand
Material 4: Gravel
Gsc Material Description:
Stratum Description: Clayey silt with some sand and gravel Very stiff to hard **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Very Stiff
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502589
Top Depth: 0
Bottom Depth: .3
Material Color:
Material 1: Topsoil
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Topsoil **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 8502591
Top Depth: 2.9
Bottom Depth: 4.6
Material Color:
Material 1: Shale
Material 2: Bedrock
Material 3: Limestone
Material 4: Shaly
Gsc Material Description:
Stratum Description: Weathered. Shale with seams of shaly limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

24	1 of 1	W/245.8	130.6 / -1.64	ON	BORE

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

Borehole ID:	890779	**Inclin FLG:**	No
OGF ID:	215583696	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-MAR-1977	**Municipality:**	
Static Water Level:		**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.494835
Total Depth m:	9.1	**Longitude DD:**	-79.67378
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607227
Drill Method:	Solid stem auger	**Northing:**	4816622
Orig Ground Elev m:	130	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	129		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for QEW Over ford drive W.P. 125-66-17, Site 10-286 QEW, District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502607	**Mat Consistency:**	Hard
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Silty	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clayey silt to silty clay, trace of sand occ. Cobbles hard, brown **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502608	**Mat Consistency:**	Soft
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	Fine
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:	Limestone	**Geologic Period:**	
Material 4:	Shaly	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	shale bedrock, intermittent shale, shaly limestone and shale beds (soft to med. Hard, fine texture shale is fissile. Thin horizontal bedding with limestone seams (med. Hard, fine texture, light grey colour, fossiliferous, shale) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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25 | 1 of 1 | W/246.9 | 130.1 / -2.11 | ON | BORE

Borehole ID:	890721	**Inclin FLG:**	No
OGF ID:	215583638	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	21-MAR-1977	**Municipality:**	
Static Water Level:		**Lot:**	LOT 5
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.494799
Total Depth m:	9.1	**Longitude DD:**	-79.673769
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607228
Drill Method:	Solid stem auger	**Northing:**	4816618

Orig Ground Elev m:	130	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	128		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation report for N/W Ramp structure over Ford Drive QEW/403/Ford Drive Interchange W.P. 215-66-18, site 10-285 District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502447	**Mat Consistency:**	
Top Depth:	2.1	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Shale bedrock, weathered, sound **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502446	**Mat Consistency:**	Hard
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:	Silty	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Clayey silt to silty clay, trace of sand occ. Cobbles Hard, brown **Note: Many records provided by the department have a truncated [Stratum Description] field.		

26 ***1 of 1*** ***WNW/248.3*** ***144.4 / 12.24*** ***ON*** ***BORE***

Borehole ID:	890771	**Inclin FLG:**	No
OGF ID:	215583688	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	10-NOV-1977	**Municipality:**	
Static Water Level:	0.8	**Lot:**	LOT 4
Primary Water Use:		**Township:**	TRAFALGAR
Sec. Water Use:		**Latitude DD:**	43.49904
Total Depth m:	6.2	**Longitude DD:**	-79.674591
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	607154
Drill Method:	Hollow stem auger	**Northing:**	4817088
Orig Ground Elev m:	144	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	148		
Concession:	CON 2 SOUTH OF DUNDAS ST		
Location D:	Foundation Investigation Report for QEW/Ford Drive/ 403 Link Interchange N - W Ramp Highway 403 Over Ramp E - N.S. and North Service Road W.P. 159-75-09, Site 10-283 District 4, Hamilton		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8502586	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	

Bottom Depth:	.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Topsoil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Topsoil **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502587	***Mat Consistency:***	Very Stiff
Top Depth:	.3	***Material Moisture:***	
Bottom Depth:	3.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clayey	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Clayey silt with traces of sand Very stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8502588	***Mat Consistency:***	
Top Depth:	3.2	***Material Moisture:***	
Bottom Depth:	6.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:	Bedrock	***Geologic Group:***	
Material 3:	Limestone	***Geologic Period:***	
Material 4:	Shaly	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Shale with seams of shaly limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Unplottable Summary

Total: 58 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	PINETREE DEV.CO.LTD.	KINGSWAY DR.	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY OF CANADA LTD.	FORD DRIVE	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY OF CANADA LTD.	FORD DRIVE	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY, ONTARIO TRUCK PLANT	FORD DRIVE	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY OF CANADA LTD.	ONTARIO TRUCK PLANT BODY SHOP	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY OF CANADA LTD.	ONTARIO TRUCK PLANT BODY SHOP	OAKVILLE TOWN ON	
CA	PINETREE DEV.CO.LTD.	KINGSWAY DR.	OAKVILLE TOWN ON	
CA	HUBETH INVESTMENT LTD.	STREET "A"/CUL-DE-SAC/FORD DR.	OAKVILLE TOWN ON	
CA	HUBETH INVESTMENT LTD.	STREET "A"/CUL-DE-SAC/FORD DR.	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC. PH.4B	WINTERBOURNE DR. SHERWOOD HGHT	OAKVILLE TOWN ON	
CA	THE UNITED URBAN CORPORATION PHASE 6	LANSDOWN DR. SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	HUBETH INVESTMENT LTD.	STREET "A"/CUL-DE-SAC/FORD DR.	OAKVILLE TOWN ON	
CA	FORD MOTOR CO. OF CANADA LTD.-R.Z.HUSAK	ZEBRA MUSSEL CONTROL SYSTEM	OAKVILLE TOWN ON	
CA	HUBETH INVESTMENT LTD.	STREET "A"/CUL-DE-SAC/FORD DR.	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC. PH.5	WYNTEN WAY SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENTS INC.	W. OF S.SERVICE RD.SHERWOOD HE	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND	HAREWOOD CT. SHERWOOD HEIGHTS	OAKVILLE TOWN ON	

	DEVELOPMENT INC. PH.4C			
CA	UNITED URBAN LAND DEVELOPMENT INC. PH.4B	WINTERBOURNE SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEV. INC.	SHERWOOD HTS DR. PH. 4D	OAKVILLE TOWN ON	
CA	SWITZER AND WELTON	SHERWOOD HEIGHTS DR.	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC.	KINGSWAY DR.	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY ONTARIO TRUCK PLANT	FORD DRIVE	OAKVILLE TOWN ON	
CA	FORD MOTOR COMPANY OF CANADA LTD.	FORD DRIVE, ONT. TRUCK PLANT	OAKVILLE TOWN ON	
CA	THE UNITED URBAN CORPORATION PHASE 6	LANSDOWN DR. SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	THE UNITED URBAN CORP. INDUSTRIAL CAMPUS	SHERWOOD HEIGHTS DR. PHASE 4D	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEV. LTD.	SHERWOOD HEIGHTS SUBD. PH. 4D	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENTS PH. 5	WYNTEN WAY SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC.	KINGSWAY DR. SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC. PH. 5	WYNTEN WAY SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC.	W. OF S. SERVICE RD.SHERWOOD V	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC. PH.4C	WYNTEN WAY SHERWOOD HEIGHTS	OAKVILLE TOWN ON	
CA	PINETREE DEV.CO.LTD.	KINGSWAY DR.	OAKVILLE TOWN ON	
CA	UNITED URBAN LAND DEVELOPMENT INC. PH.4B	WINTERBOURNE DR.SHERWOOD HGHTS	OAKVILLE TOWN ON	
ECA	The Corporation of the Town of Oakville	Ford Dr From 100m south of the QEW to 20m south of Upper Middle Road	Oakville ON	L6J 5A6
GEN	FORD MOTOR COMPANY OF CANADA LIMITED	OAKVILLE ASSEMBLY COMPLEX THE CANADIAN ROAD	OAKVILLE ON	L6J 5C9
LIMO	Georgetown Landfill The Corporation of the Regional Municipality of Halton Town	of Halton Hills Lot 5 Halton	ON	
PRT	FORD MOTOR CO OF CANADA LTD ONT TRUCK PLANT ATTN J	FORD DR	OAKVILLE ON	

REC	FORD MOTOR CO. OF CANADA LTD.	ONT. TRUCK PLANT - CANADIAN RD.	OAKVILLE ON	
REC	FORD MOTOR COMPANY	THE CANADIAN ROAD	OAKVILLE ON	L6J 5C4
SPL	PRIVATE OWNER	Q.E.W. EASTBOUND AT THE FORD PLANT, EAST OF TRAFALGAR ROAD. MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	Prime Rose Contracting<UNOFFICIAL>	South of Upper Middle on Ford Dive	Oakville ON	
SPL	LAIDLAW TRANSPORT	TANKER TRUCK FUEL TANK TRANSPORT TRUCK (CARGO)	OAKVILLE TOWN ON	
SPL		just east of Ford Drive	Oakville ON	
SPL	Sunoco Gas Station<UNOFFICIAL>	East of Ford Dr., South of QEW, West of Winston Churchhill	Oakville ON	
SPL	Canada Cartage Diversified Gp. Inc.	between Winston Churchill Blvd and Ford Drive	Oakville ON	
SPL	ONTARIO HYDRO	TRANSFORMER STATION BEHIND FORD PLANT TRANSFORMER STATION	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	AT THE OAKVILLE TRUCK INSPECTION STATION AT QEW TRANSPORT TRUCK (CARGO)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	Q.E.W. (WESTBOUND) NEAR FORD PLANT MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	QEW EASTBOUND,500 M WEST OF WINSTON CHURCHILL DRIVE. MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	QEW EAST BOUND MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	QEW WEST BOUND IN FRONT OF MACK TRUCKS. MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	MTO WEIGH SCALE AT QEW TRANSPORT TRUCK (CARGO)	OAKVILLE TOWN ON	
SPL	CHEMLAWN	QEW W/B ACROSS FROM FORD DRIVE & TRAFALGAR. TANK TRUCK (CARGO)	OAKVILLE TOWN ON	
SPL	TRANSPORT TRUCK	QEW WESTBOUND NEAR FORD PLANT MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
WWIS		con 2	ON	
WWIS		con 2	ON	
WWIS		lot 4 con 2	ON	

Unplottable Report

Site: ***PINETREE DEV.CO.LTD.***
KINGSWAY DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-1392-85-006
Application Year:	85
Issue Date:	12/5/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***FORD MOTOR COMPANY OF CANADA LTD.***
FORD DRIVE OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	8-3008-91-007
Application Year:	91
Issue Date:	9/8/97
Approval Type:	Industrial air
Status:	Revised Ammendment
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	REVOKE COFA
Contaminants:	
Emission Control:	

Site: ***FORD MOTOR COMPANY OF CANADA LTD.***
FORD DRIVE OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	8-3130-94-006
Application Year:	94
Issue Date:	9/8/97
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	REVOKE COFA
Contaminants:	
Emission Control:	

Site: ***FORD MOTOR COMPANY, ONTARIO TRUCK PLANT***
FORD DRIVE OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	8-3162-90-006

Application Year: 90
Issue Date: 9/8/97
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: REVOKE COFA
Contaminants:
Emission Control:

Site: ***FORD MOTOR COMPANY OF CANADA LTD.***
ONTARIO TRUCK PLANT BODY SHOP OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 8-3667-95-966
Application Year: 95
Issue Date: 4/1/96
Approval Type: Industrial air
Status: Received in 1995, Issued in 1996
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: PROCESS EMISSIONS FROM NEW BODY SHOP
Contaminants: Nitrogen Oxides, Carbon Monoxide, Ferric Oxide, Copper, Tin, Suspended Particulate Matter, Methane (Incl. Hydrocarbons Expr. As Ch4, Sulphuric Acid, Water Vapour
Emission Control:

Site: ***FORD MOTOR COMPANY OF CANADA LTD.***
ONTARIO TRUCK PLANT BODY SHOP OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 8-3668-95-966
Application Year: 95
Issue Date: 4/1/96
Approval Type: Industrial air
Status: Received in 1995, Issued in 1996
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMBUSTION EMISSIONS FROM NEW BODY SHOP
Contaminants: Nitrogen Oxides, Carbon Monoxide, Suspended Particulate Matter, Methane (Incl. Hydrocarbons Expr. As Ch4
Emission Control: No Controls

Site: ***PINETREE DEV.CO.LTD.***
KINGSWAY DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1302-85-006
Application Year: 85
Issue Date: 11/7/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***HUBETH INVESTMENT LTD.***
STREET "A"/CUL-DE-SAC/FORD DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0009-95-006
Application Year: 95
Issue Date: 1/27/95
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***HUBETH INVESTMENT LTD.***
STREET "A"/CUL-DE-SAC/FORD DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0014-95-006
Application Year: 95
Issue Date: 1/27/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH.4B***
WINTERBOURNE DR. SHERWOOD HGHT OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0512-87-
Application Year: 87
Issue Date: 4/14/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***THE UNITED URBAN CORPORATION PHASE 6***
LANSDOWN DR. SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0494-89-
Application Year: 89
Issue Date: 4/11/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:

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

Site: ***HUBETH INVESTMENT LTD.***
STREET "A"/CUL-DE-SAC/FORD DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0009-95-
Application Year: 95
Issue Date: 1/19/1995
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***FORD MOTOR CO. OF CANADA LTD.-R.Z.HUSAK***
ZEBRA MUSSEL CONTROL SYSTEM OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 4-0123-90-
Application Year: 90
Issue Date: 9/14/1990
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: ZEBRA MUSSEL CONTROL
Contaminants: Chlorine
Emission Control: Dechlorination

Site: ***HUBETH INVESTMENT LTD.***
STREET "A"/CUL-DE-SAC/FORD DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0014-95-
Application Year: 95
Issue Date: 1/19/1995
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH.5***
WYNTEN WAY SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-1906-87-

Application Year: 87
Issue Date: 1/7/1988
Approval Type: Municipal water
Status: Approved in 1988
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENTS INC.***
W. OF S.SERVICE RD.SHERWOOD HE OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0958-87-
Application Year: 87
Issue Date: 7/13/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH.4C***
HAREWOOD CT. SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0486-87-
Application Year: 87
Issue Date: 5/25/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH.4B***
WINTERBOURNE SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0423-87-
Application Year: 87
Issue Date: 4/14/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEV. INC.***
SHERWOOD HTS DR. PH. 4D OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-2064-88-
Application Year: 88
Issue Date: 1/16/1989
Approval Type: Municipal water
Status: Approved in 1989
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***SWITZER AND WELTON***
SHERWOOD HEIGHTS DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-0059-88-
Application Year: 88
Issue Date: 1/29/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC.***
KINGSWAY DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-1171-86-
Application Year: 86
Issue Date: 10/22/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***FORD MOTOR COMPANY ONTARIO TRUCK PLANT***
FORD DRIVE OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 8-3008-91-
Application Year: 91
Issue Date: 5/28/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description: (3) PAINT CURING OVEN EXH. INCINERATORS
Contaminants: Acetone, Other Organic Compounds, Mineral Spirits Med., Other Organic Compounds, N-Butyl Acetate, Dipropoylene Glycol (Methyl Ether), Ethyl Acetate, Ethyl Alcohol,Denat,D, Ethylene Glycol Butyl Ether (Butyl Cellosolve), Ethylene Glycol Butyl Ether Acetate (Butyl Cellosolve Acetate)
Emission Control:

Site: ***FORD MOTOR COMPANY OF CANADA LTD.***
FORD DRIVE, ONT. TRUCK PLANT OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 8-3130-94-
Application Year: 94
Issue Date: 5/13/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: MIG WELDING/GRINDING BOOTH EXHAUST FAN
Contaminants: Suspended Particulate Matter, Ferric Oxide
Emission Control: No Controls

Site: ***THE UNITED URBAN CORPORATION PHASE 6***
LANSDOWN DR. SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0565-89-
Application Year: 89
Issue Date: 4/11/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***THE UNITED URBAN CORP. INDUSTRIAL CAMPUS***
SHERWOOD HEIGHTS DR. PHASE 4D OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0374-89-
Application Year: 89
Issue Date: 3/15/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEV. LTD.***
SHERWOOD HEIGHTS SUBD. PH. 4D OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-2427-88-

Application Year: 88
Issue Date: 1/16/1989
Approval Type: Municipal sewage
Status: Approved in 1989
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENTS PH. 5***
WYNTEN WAY SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0127-88-
Application Year: 88
Issue Date: 2/11/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC.***
KINGSWAY DR. SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1473-86-
Application Year: 86
Issue Date: 10/22/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH. 5***
WYNTEN WAY SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-2263-87-
Application Year: 87
Issue Date: 1/7/1988
Approval Type: Municipal sewage
Status: Approved in 1988
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC.***
W. OF S. SERVICE RD.SHERWOOD V OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1444-87-
Application Year: 87
Issue Date: 8/26/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH.4C***
WYNTEN WAY SHERWOOD HEIGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0570-87-
Application Year: 87
Issue Date: 5/25/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PINETREE DEV.CO.LTD.***
KINGSWAY DR. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-1050-85-006
Application Year: 85
Issue Date: 12/5/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED URBAN LAND DEVELOPMENT INC. PH.4B***
WINTERBOURNE DR.SHERWOOD HGHTS OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0293-87-
Application Year: 87
Issue Date: 3/24/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: ***The Corporation of the Town of Oakville***
Ford Dr From 100m south of the QEW to 20m south of Upper Middle Road Oakville ON L6J 5A6

Database: ***ECA***

Approval No:	4030-A7ULEB	***MOE District:***	
Approval Date:	2016-03-13	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the Town of Oakville
Address: Ford Dr From 100m south of the QEW to 20m south of Upper Middle Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3495-A7LLGE-14.pdf

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Site: ***FORD MOTOR COMPANY OF CANADA LIMITED***
OAKVILLE ASSEMBLY COMPLEX THE CANADIAN ROAD OAKVILLE ON L6J 5C9

Database: ***GEN***

Generator No:	ON0000203	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Apr 2021	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 221 L
Waste Class Desc: Light fuels

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 112 L
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 233 L
Waste Class Desc: Other polymeric wastes

Waste Class: 132 L
Waste Class Desc: Neutralized solutions - containing other metals

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 211 H
Waste Class Desc: Aromatic solvents and residues

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 113 C
Waste Class Desc: Acid solutions - containing other metals and non-metals

Waste Class: 212 I
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 263 L
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 252 T
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 267 L
Waste Class Desc: Organic acids

Waste Class: 243 D
Waste Class Desc: PCB

Waste Class: 146 L
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 211 I
Waste Class Desc: Aromatic solvents and residues

Waste Class: 270 T
Waste Class Desc: Other specified organic sludges, slurries or solids

Waste Class: 114 L
Waste Class Desc: Other inorganic acid wastes

Waste Class: 145 L
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 211 L
Waste Class Desc: Aromatic solvents and residues

Waste Class: 123 L
Waste Class Desc: Alkaline phosphates

Waste Class: 213 L
Waste Class Desc: Petroleum distillates

Waste Class: 267 C
Waste Class Desc: Organic acids

ECA/Instrument No:	A210203	***Natural Attenuation:***	
Oper Status 2016:	Closed	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:		***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:			
ERC Methodology:			
Site Name:	Georgetown Landfill The Corporation of the Regional Municipality of Halton Town of Halton Hills		
Site Location Details:			
Service Area:			
Page URL:			

Site: ***FORD MOTOR CO OF CANADA LTD ONT TRUCK PLANT ATTN J***
FORD DR OAKVILLE ON

Database: ***PRT***

Location ID:	10379
Type:	private
Expiry Date:	
Capacity (L):	72736.00
Licence #:	0001027011

Site: ***FORD MOTOR CO. OF CANADA LTD.***
ONT. TRUCK PLANT - CANADIAN RD. OAKVILLE ON

Database: ***REC***

Choice of Contact:	
Site PO Box:	
Mail Addr:	
Co Admin:	
Site Bldg:	
Rec Op Div:	
Rec Op Name:	
Rec Div:	
Receiver No:	302-83A024
Company ID:	
Province In:	ONTARIO
Province Out:	
County Out:	
Phone No:	
Facility Type:	PCB STORAGE SITE
Approval Yrs:	1987; 1988; 1989; 1990; 1992; 1994; 1995; 1996; 1997; 1998; 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008

1994 Receiver Manifest Details

Gen Dist:	100
Gen District Office Name:	LONDON, ONT
Gen Region Code:	01
Gen Region Office Name:	SOUTHWESTERN REGION
Gen Sic:	3231
Naics1 Desc:	MOTOR VEHICLE IND.
Wastecode:	243
Waste Class:	PCB'S
Wastecount:	4
Qty Recvd:	94937.1

1995 Receiver Manifest Details

Gen Dist:	100
Gen District Office Name:	LONDON, ONT
Gen Region Code:	01
Gen Region Office Name:	SOUTHWESTERN REGION
Gen Sic:	3231
Naics1 Desc:	MOTOR VEHICLE IND.
Wastecode:	243
Waste Class:	PCB'S
Wastechara:	D
Char Desc:	PCB WASTE
Wastecount:	3
Qty Recvd:	4686

1999 Receiver Waste Information Details

Wastecode:	243
Waste Desc:	PCB'S

Site: ***FORD MOTOR COMPANY***
THE CANADIAN ROAD OAKVILLE ON L6J 5C4

Database: ***REC***

Choice of Contact:	
Site PO Box:	
Mail Addr:	
Co Admin:	
Site Bldg:	
Rec Op Div:	
Rec Op Name:	
Rec Div:	
Receiver No:	302-92A070
Company ID:	
Province In:	ONTARIO
Province Out:	
County Out:	
Phone No:	
Facility Type:	PCB STORAGE SITE
Approval Yrs:	1992; 1993; 1994; 1995; 1996; 1997; 1998; 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008

1993 Receiver Manifest Details

Rec No:	302-92A070
Wastecode:	243
Waste Class:	PCB'S
Wastecount:	1
Qty Recvd:	1000

1999 Receiver Waste Information Details

Wastecode: 243
Waste Desc: PCB'S

Site: ***PRIVATE OWNER***
Q.E.W. EASTBOUND AT THE FORD PLANT, EAST OF TRAFALGAR ROAD. MOTOR VEHICLE (OPERATING FLUID)
OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	120955	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/18/1995	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	14403
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	F.D., MTO, OPP
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/18/1995	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE MOTOR VEHICLE: 135 L DIESEL TO HWY AND DITCH, F.D., MTO, OPP.		
Contaminant Qty:			

Site: ***Prime Rose Contracting<UNOFFICIAL>***
South of Upper Middle on Ford Dive Oakville ON

Database: ***SPL***

Ref No:	6836-95ZSBC	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	21-MAR-13	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Overflow/Surcharge	***Sector Type:***	Drilling Operation
Incident Event:		***Agency Involved:***	
Contaminant Code:	43	***Nearest Watercourse:***	
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	***Site Address:***	South of Upper Middle on Ford Dive
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Oakville
Nature of Impact:	Other Impact(s); Soil Contamination; Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	21-MAR-13	***Site Map Datum:***	
Dt Document Closed:	25-JUN-13	***SAC Action Class:***	Watercourse Spills
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	Construction Site<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Prime Rose Contracting: Sediment to Joshua Creek		
Contaminant Qty:	0 No Set Limit		

Site: ***LAIDLAW TRANSPORT***
TANKER TRUCK FUEL TANK TRANSPORT TRUCK (CARGO) OAKVILLE TOWN ON

Database: SPL

Ref No:	19556	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/19/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	TRUCK/TRAILER OVERTURN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	14403
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/19/1988	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BACKENTRY - LAIDLAW TPT 500 LTRS DIESEL FUEL TO STORM SEWER		
Contaminant Qty:			

Site:
just east of Ford Drive Oakville ON

Database: SPL

Ref No:	0764-78RQ4B	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Transport Truck
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Oakville
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/8/2007	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	Royal Windsor Dr.<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TT accident-284 L diesel to grnd., cleaning		
Contaminant Qty:	284 L		

Site: ***Sunoco Gas Station<UNOFFICIAL>***
East of Ford Dr., South of QEW, West of Winston Churchhill Oakville ON

Database: SPL

Ref No:	6567-5MFSED	***Discharger Report:***	
Site No:		***Material Group:***	Chemical
Incident Dt:	5/11/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	

Incident Event:		***Agency Involved:***	
Contaminant Code:	24	***Nearest Watercourse:***	
Contaminant Name:	SOLVENT (N.O.S.)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Central
Environment Impact:	Possible	***Site Municipality:***	Oakville
Nature of Impact:		***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/11/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:	OAKVIILLE STORM SEWER<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	1 L of solvent in Oakville Storm Sewer		
Contaminant Qty:	1 L		

Site: ***Canada Cartage Diversified Gp. Inc.***
between Winston Churchill Blvd and Ford Drive Oakville ON

Database: ***SPL***

Ref No:	0533-AUNQ8U	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2018/01/02	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	Unknown / N/A
Incident Event:	Collision/Accident	***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	between Winston Churchill Blvd and Ford Drive
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	1202	***Site Region:***	Central
Environment Impact:		***Site Municipality:***	Oakville
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2018/01/03	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Primary Assessment of Spills
Incident Reason:	Unknown / N/A	***Source Type:***	Truck - Only Saddle Tanks
Site Name:	Royal Windsor Drive<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:			
Incident Summary:	Canada Cartage: 100 liters op fluids to asphalt, cntd, clnd		
Contaminant Qty:	100 L		

Site: ***ONTARIO HYDRO***
TRANSFORMER STATION BEHIND FORD PLANT TRANSFORMER STATION OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	102677	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/13/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	COOLING SYSTEM LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14403
Nature of Impact:	Soil contamination	***Site Lot:***	

Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/13/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	HYDRO: 20L TRANSFORMER OIL LEAK FROM TRANSFORMERSTATION; CONTAINED		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
AT THE OAKVILLE TRUCK INSPECTION STATION AT QEW TRANSPORT TRUCK (CARGO) OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	158651	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/4/1998	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	14403
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MTO
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/4/1998	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK: DRUM LEAKING RHOPLEX UN2438 TO PAVEMENT AT MTO ST'N		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
Q.E.W. (WESTBOUND) NEAR FORD PLANT MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	87381	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/21/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14403
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	OPP
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/21/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			

Site County/District:
Site Geo Ref Meth:
Incident Summary: MARTELLIN LEBLANC: 200 L DIESEL TO ROAD FROMFUEL TANK
Contaminant Qty:

Site: ***TRANSPORT TRUCK***
QEW EASTBOUND,500 M WEST OF WINSTON CHURCHILL DRIVE. MOTOR VEHICLE (OPERATING FLUID)
OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	242766	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/19/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	FD,OPP.
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14403
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND, WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/19/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	

Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TRANSPORT TRUCK-UKN QTY DIESEL TO ROADWAY,SOME TO CB,FD,OPP.
Contaminant Qty:

Site: ***TRANSPORT TRUCK***
QEW EAST BOUND MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	48495	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/15/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	14403
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	F.D. AND M.O.T.
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/15/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	

Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BACKENTRY-UNKNOWN TRUCK- 90 LITRES DIESEL FUEL TO ROADWAY,CLEANED-UP BY MOT
Contaminant Qty:

Site: ***TRANSPORT TRUCK***
QEW WEST BOUND IN FRONT OF MACK TRUCKS. MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON

Database: SPL

Ref No:	74447	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	8/9/1992	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	PIPE/HOSE LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14403
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	OAKVILLE FD,MTO,OPP.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/9/1992	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: CARVAN TRANSPORT-590 L DIESEL FUEL TO HIGHWAY, FD ONSITE,CLEANUP ONGOING
Contaminant Qty:

Site: ***TRANSPORT TRUCK***
MTO WEIGH SCALE AT QEW TRANSPORT TRUCK (CARGO) OAKVILLE TOWN ON

Database: SPL

Ref No:	86508	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	6/4/1993	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	14403
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/4/1993	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: DOMTAR INC - 200L PAPER SIZER TO TARMAC,CONTAINERDAMAGED BY FORKLIFT.
Contaminant Qty:

Site: ***CHEMLAWN***
QEW W/B ACROSS FROM FORD DRIVE & TRAFALGAR. TANK TRUCK (CARGO) OAKVILLE TOWN ON

Database: SPL

Ref No:	166854	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/22/1999	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	**Sector Type:**	

Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	14403
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/22/1999	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OTHER	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CHEMLAWN- 20 L DIAZINON USE SOL'N TO HWY SHOULDER		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
QEW WESTBOUND NEAR FORD PLANT MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	140964	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/21/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14403
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	F.D.
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/21/1997	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ADVERSE ROAD CONDITION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	NATIONAL GROCERS: 315 L DIESEL TO QEW & SHOULDER,CLEANED UP BY OAKVILLE FD		
Contaminant Qty:			

Site:
con 2 ON

Database: ***WWIS***

Well ID:	2809505	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234055	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	

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

Concession: 02
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518559
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 21-Sep-2001 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Method of Construction & Well Use

Method Construction ID: 962809505
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11067129
Casing No: 1
Comment:
Alt Name:

Site:
con 2 ON

Database: ***WWIS***

Well ID: 2809506
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 234056
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: True
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 02
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10518560	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	21-Sep-2001 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	962809506
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11067130
Casing No:	1
Comment:	
Alt Name:	

Site:
lot 4 con 2 ON

Database: ***WWIS***

Well ID:	2808787	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/17/1998
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	187553	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10155044	***Elevation:***	
DP2BR:	33.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

Date Completed: 22-Dec-1997 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931452963
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452964
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452965
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452966
Layer: 4

Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 33.0
Formation End Depth: 76.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808787
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10703614
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930263852
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 37
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930263853
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 76
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808787
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 68.0
Recommended Pump Depth: 72.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR

Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934182897
Test Type: Draw Down
Test Duration: 15
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934447627
Test Type: Draw Down
Test Duration: 30
Test Level: 47.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934715059
Test Type: Draw Down
Test Duration: 45
Test Level: 58.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934977366
Test Type: Draw Down
Test Duration: 60
Test Level: 68.0
Test Level UOM: ft

Water Details

Water ID: 933612779
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 51.0
Water Found Depth UOM: ft

Site:
lot 5 ON

Database:
WWIS

Well ID: 2806107
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 2/8/1984
Selected Flag: True
Abandonment Rec:
Contractor: 4005
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 005
Concession:
Concession Name:

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

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10152422
DP2BR: 30.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 09-Jan-1984 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931441624
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931441622
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931441623
Layer: 2
Color: 6
General Color: BROWN

Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 12.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962806107
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

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

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID: 992806107
Pump Set At:
Static Level: 29.0
Final Level After Pumping: 45.0
Recommended Pump Depth: 47.0
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934969185
Test Type: Recovery
Test Duration: 60
Test Level: 29.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934716597
Test Type: Recovery
Test Duration: 45
Test Level: 29.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934175131
Test Type: Recovery
Test Duration: 15
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934449082
Test Type: Recovery
Test Duration: 30
Test Level: 29.0
Test Level UOM: ft

Water Details

Water ID: 933609357
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 47.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of 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 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Aug 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Jul 2021

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994- Aug 31, 2021

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Aug 31, 2021

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994- Aug 31, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Aug 31, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jun 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Aug 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Apr 30, 2021

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 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2021

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-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Aug 31, 2021

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Aug 31, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994- Aug 31, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Aug 2021

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-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

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 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Aug 31, 2021

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: Apr 30, 2021

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.

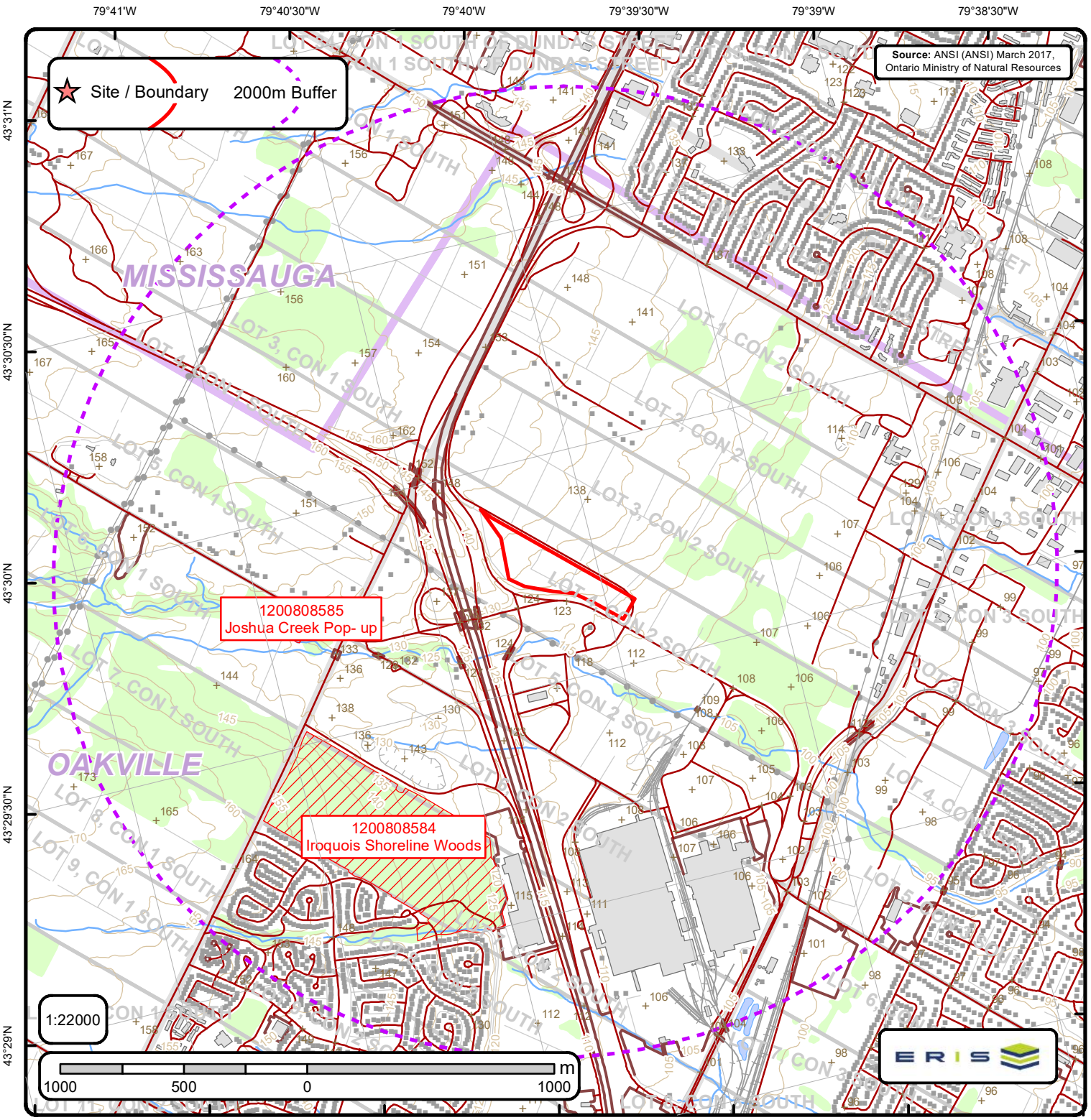
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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.



Area of Natural & Scientific Interest (ANSI) Order No. 21100600190

Spot Height	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	ANSI Area

ANSI Report

ANSI Units Found within 2000 m of
50 Sherwood Heights Drive, Oakville

Order No.
21100600190

ANSI Name: Joshua Creek Pop- up
ID: 1200808585 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** Yes | **Area (sqm):** 9699.099 | **Comments:** NHIC ID # missing

ANSI Name: Iroquois Shoreline Woods
ID: 1200808584 | **Type:** ANSI, Life Science | **Significance:** Provincial | **Management Plan:** Yes | **Area (sqm):** 399745.109 | **Comments:** This mapping represents external boundries only. Reference should be made to the individual ANSI file for the ANSI inventory (planning section MNR Aurora). Less accurate mapping is available on 1:50,000 white prints?.followed by NHIC'S ANSI 'description'

opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Midori

Site Address:

50 Sherwood Heights Drive, Oakville, ON

Project No:

21100600190

Opta Order ID:

98068

Requested by:

Eleanor Goolab
ERIS

Date Completed:

10/13/2021 8:17:24 AM

Project Name: 50 Sherwood Heights Drive Oakville

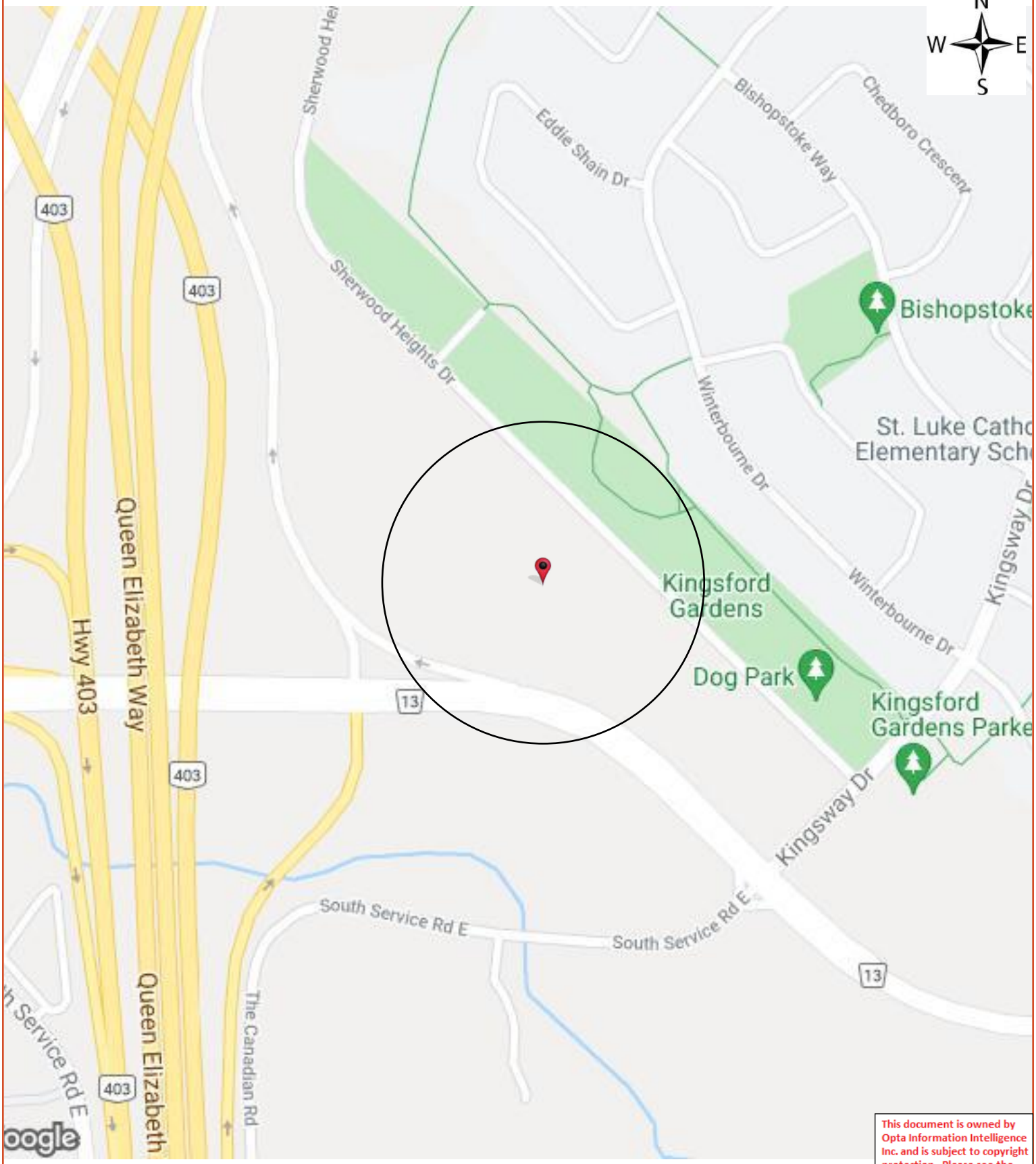
Project #: 21100600190
P.O. #: 12564451

ENVIROSCAN Report

Search Area: 50 Sherwood Heights Drive, Oakville, ON

Requested by:
Eleanor Goolab
Date Completed: 10/13/2021 08:17:24

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Project Name: 50 Sherwood Heights Drive Oakville

Project #: 21100600190
P.O. #: 12564451

ENVIROSCAN Report

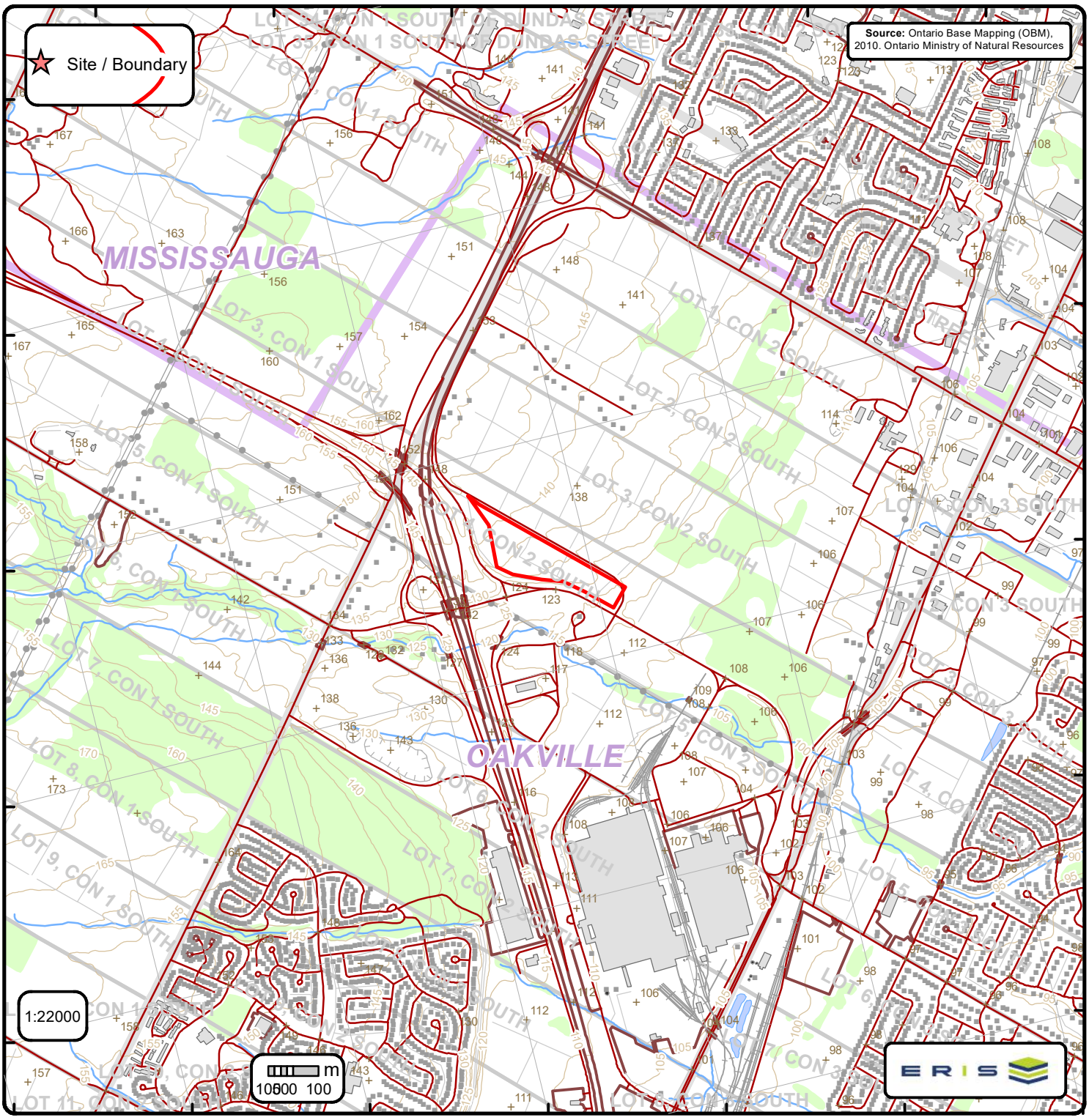
No Records Found

Requested by:
Eleanor Goolab
Date Completed: 10/13/2021 08:17:24

OPTA INFORMATION INTELLIGENCE

No Records Found

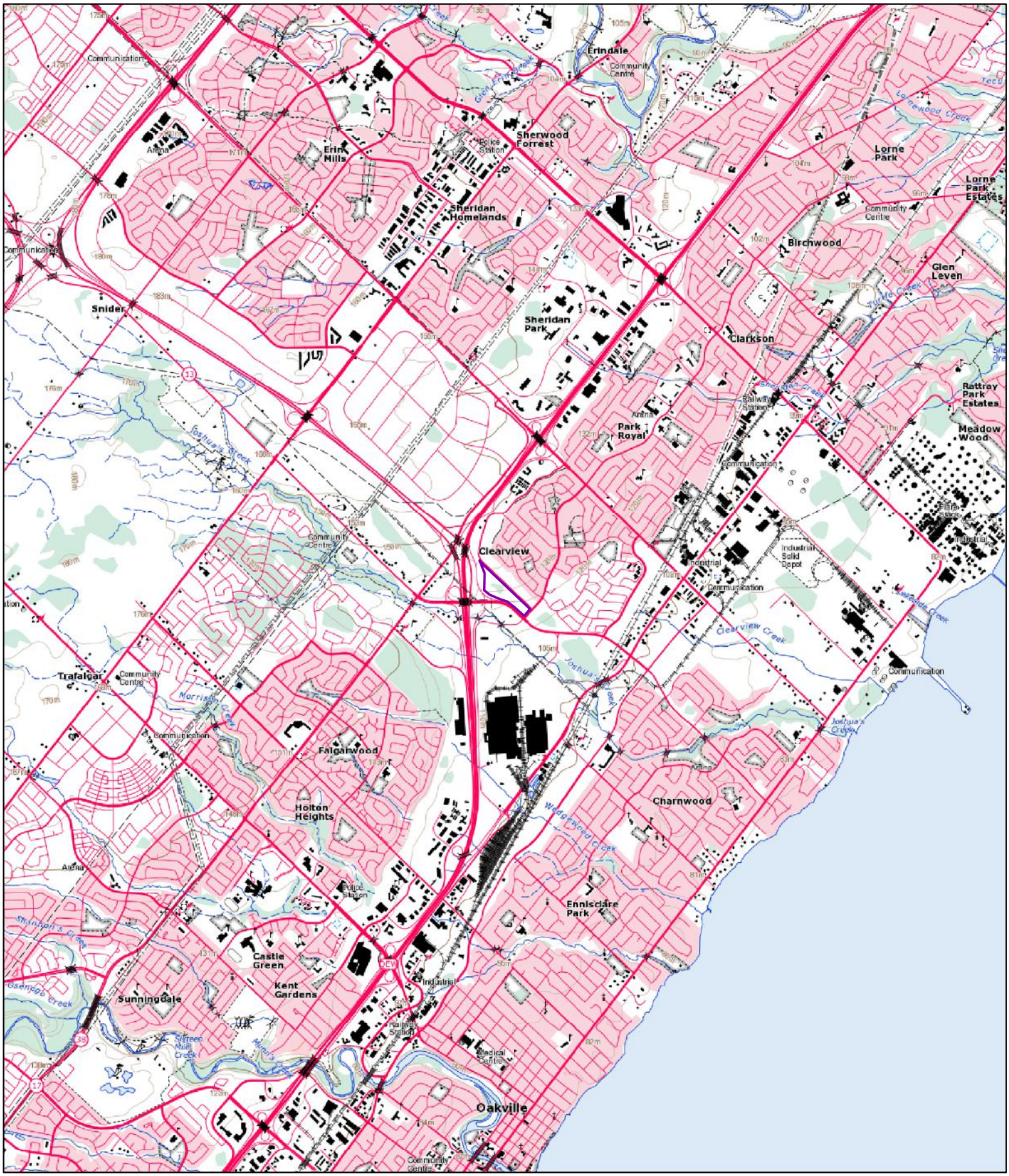
N
W E
S



Ontario Base Mapping (OBM) Data

Order No. 21100600190

Spot Height (metre)	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	



Topographic Map

N

1000 500 0 1000 m

1:50000

Order No: 21100600190

ERIS

Map Centre Address: 50 Sherwood Heights Drive, Oakville

Legend available at ftp://ftp.geogratis.gc.ca/pub/nrcan_rncan/raster/toporama/doc/Toporama_en_Legend.pdf

Data source: Toporama (1:50K) by Natural Resource Canada. Publication date: 2013-07-19

Appendix D

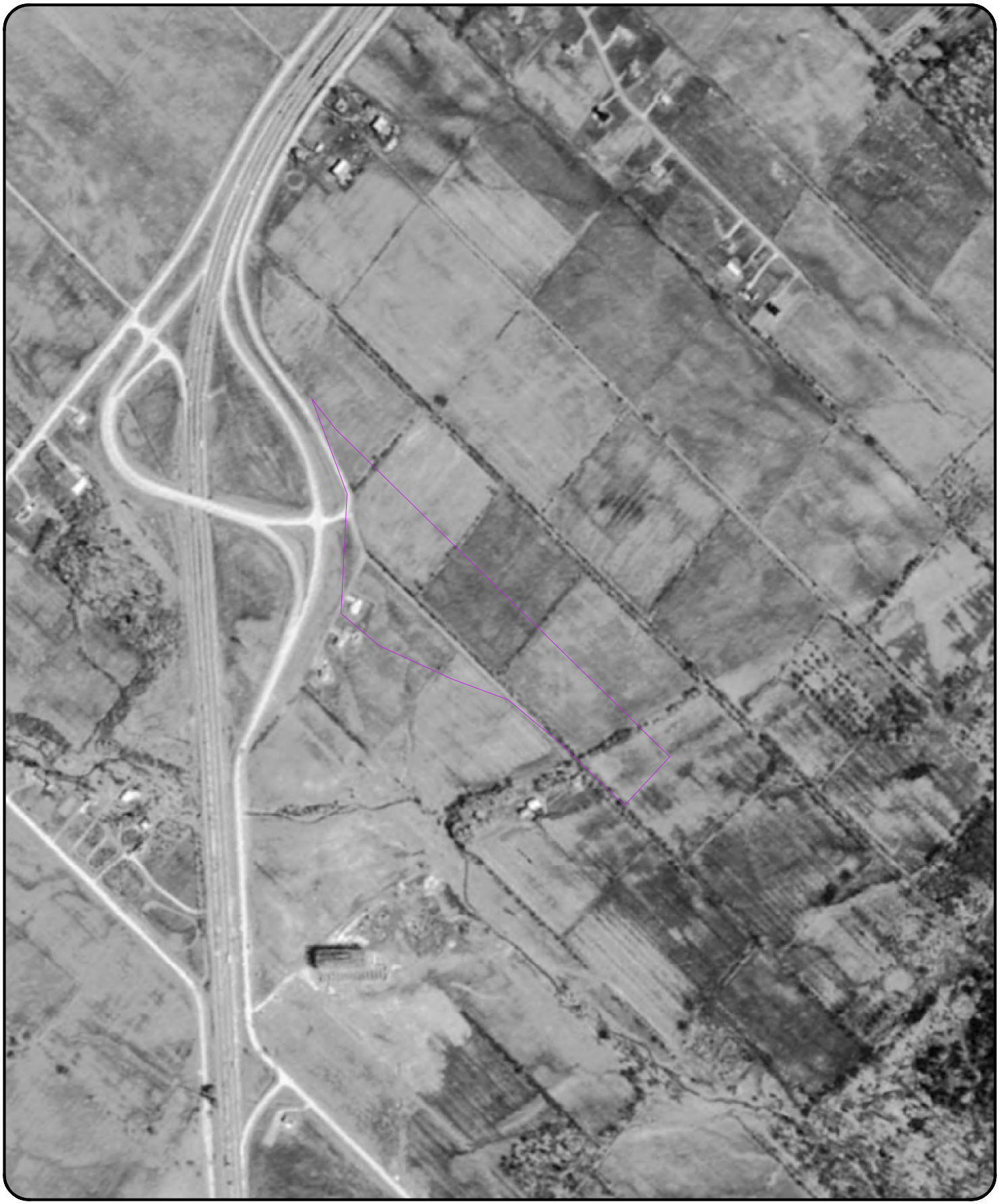
Aerial Photographs

HISTORICAL AERIALS

Project Property:	50 Sherwood Heights Drive, Oakville 50 Sherwood Heights Drive, Oakville Oakville ON L6J
Project No:	12564451
Requested By:	GHD Limited
Order No:	21100600190
Date Completed:	October 07, 2021

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Decade	Year	Image Scale	Source
1950	Not Available		
1960	1960	25000	NAPL
1970	1979	25000	NAPL
1980	1988	50000	NAPL
1990	Not Available		



0 0.125 0.25 0.5
Kilometers

Order Number: 21100600190

Year: 1960
Source: NAPL
Map Scale: 1: 10000
Comments: Best Adjacent Decade Available

0 0.125 0.25 0.5
Kilometers

Order Number: 21100600190

Year: 1979
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 21100600190

Year: 1988
Source: NAPL
Map Scale: 1: 10000
Comments: Best Adjacent Decade Available

ERIS

Appendix E

Site Photographs

Site Photographs

Photo 1 ***View of southern portion of the Site, facing northeast***

Photo 2 ***View of northern portion of the Site, facing south***

Site Photographs

Photo 3 View of northern portion of Site, facing northwest

Photo 4 View of central portion of Site, facing south

Site Photographs

Photo 5 View of former parking area on southern portion of Site, facing southwest

Photo 6 View of illegally dumped fill material on central portion of Site, facing southwest

Site Photographs

Photo 7 View of two traffic signal switch boxes south adjacent to Site, facing north

Photo 8 View of community garden in northeastern portion of Study Area, facing northwest

Site Photographs

Photo 9 View of intersection of Ford Drive and Kingsway Drive, facing south

Photo 10 View of typical residential home on Winterbourne Drive, northeast of the Site, facing northwest

Site Photographs

Photo 11 View of termination compartment and vault, southeast adjacent to Site, facing southwest

Appendix F

Parcel Register

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

PROPERTY DESCRIPTION:

PT OF THE QUEEN ELIZABETH WAY, LYING BTN NINTH LINE & W OF THE DIVIDING LINE BTN THE TWPS OF TRAFALGAR & PEEL KNOWN AS WINSTON CHURCHILL BLVD, S OF HWY #403; FIRSTLY; PT RDAL BTN TWPS OF TRAFALGAR & PEEL, CON 1, TSDS, PT 3, PM445 EXCEPT PT 5, 525393; PT RDAL BTN TWPS OF TRAFALGAR & PEEL, CON 2, TSDS, PT 2 PM445 EXCEPT PT 2 525393; PT LTS 1 & 2, CON 1 TRAF SDS, PT OF PT 1 PM444, S OF PT 1 & 2 20R6253; PT LTS 1,2 & 3 CON 1 TRAF SDS, PT LTS 1, 2, 3, 4, 5 & 6, CON 2 TRAF SDS, PT RDAL BTN CONS 1 & 2 TRAF SDS, PT RDAL BTN LTS 5 & 6, CON 2 TRAF SDS, AS SHOWN ON PL1112, FORMERLY PM24, PL244, PL248, PL249, PL253, PL254, PL264, PL270, PL281, PL282, PL303 , PL305, PL590, PL672 EXCEPT PL937, 275345, PT 1 20R6262, PT 1 20R8095; PT LT 1, CON 1 TRAF SDS, PT 1 PM341 EXCEPT PT 1 20R6253 & PT 6 525393; PT LT 1, CON 2 TRAF SDS, PT 1 PM340, PT LT 1, CON 2 TRAF SDS, PT 1 PM343, PT LT 1, CON 2 TRAF SDS, PT 1 PM345, PT LT 1, CON 2 TRAF SDS, PT 1 PM346, EXCEPT PT 1 20R6294; PT LT 1, CON 2 TRAF SDS, PT 1 20R3081, PT 1 & 2 PM342 EXCEPT PT 3 525393 & PT 1 20R6294; PT LTS 1 & 2, CON 2 TRAF SDS, PT OF PT 2, PM444, E OF PT 1 20R6294; PT LT 1, CON 2 TRAF SDS, PT 1 20R2937; PT LTS 2,3 & 4, CON 2 TRAF SDS, PT 1,11,12,13,14,15,16,17,18,25,26,27, 20R9234; PT LTS 3 & 4, CON 2 TRAF SDS, PT 1 PL1288; PT LT 4, CON 2 TRAF SDS, PT 1 20R3047, EXCEPT PT 2 20R6294 & PT 2-4 20R9234; PT LT 4, CON 2 TRAF SDS, PT 5 PM352, EXCEPT PT 2 20R6309; PT LT 4, CON 2 TRAF SDS, AKA FORD DR AS IN 238952 EXCEPT PT 1 20R4583 LYING N OF S SERVICE RD; PT LT 4, CON 2 TRAF SDS, PT 6 PM352, N OF PT 1 20R6309; PT LTS 4 & 5, CON 2 TRAF SDS, PTS 1-3 PM454; PT LT 5, CON 2 TRAF SDS, PT 1,3,4,5,6,7,8,9,10,11,13,14,16,18,19,20,21, 20R3243 S&E PT 15, 20R19640; PT LT 5, CON 2 TRAF SDS, PT 15 20R3243 EXCEPT PT 7 20R6313; PT LT 5, CON 2 TRAF SDS, PT 3 20R3849, PTS 1-2 PL1287, PT 3,4, PM352 EXCEPT PT 3 20R6309; PT LT 5, CON 2 TRAF SDS, PT 1 PM349, PL895; PT RDAL BTN LTS 5 & 6, CON 2 TRAF SDS, LYING BTN PT 7, 20R6323 & A LINE PRODUCED SWLY BTN PT 4 & PT 3 20R6309; PT RDAL BTN LTS 5 & 6, CON 2 TSDS, BTN PT 11 20R4583 & PT 13 20R6313; PT LT 6, CON 2 TRAF SDS, PT 2 20R2992, PT 4 20R3152A EXCEPT PT 8 20R6313; EXCEPT PART 1, 20R20608; SECONDLY; PT LT 1, CON 2 TRAF SDS, PTS 1-3 20R2116; PT LT 4, CON 2 TRAF SDS, AS IN 494868 NE OF SHERWOOD HEIGHTS DR; PT LT 4, CON 2 TRAF SDS, PT 1 20R4583 AKA FORD DR CLOSED BY 520009; PT LT 4, CON 2 TRAF SDS, PTS 1-4 20R3629, PT LT 4, CON 2 TRAF SDS, PT 1 20R8095;; SUBJECT TO AN EASEMENT AS IN 64982; SUBJECT TO AN EASEMENT AS IN 66434; SUBJECT TO AN EASEMENT AS IN 619501; TOWN OF OAKVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
DIVISION FROM 24902-0725

PIN CREATION DATE:
2018/02/21

OWNERS' NAMES
THE PUBLIC AUTHORITY HAVING JURISDICTION

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2018/02/21 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
**	SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *					
**	AND ESCHEATS OR FORFEITURE TO THE CROWN.					
**	THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF					
**	IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY					
**	CONVENTION.					
**	ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.					
**DATE OF CONVERSION TO LAND TITLES: 1996/02/26 **						
PM445	1951/12/03	PLAN MISCELLANEOUS				C
PL590	1955/03/24	PLAN EXPROPRIATION				C
PL597	1955/04/26	PLAN EXPROPRIATION				C

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
PL672	1956/03/07	PLAN MISCELLANEOUS				C
PL775	1957/04/11	PLAN MISCELLANEOUS				C
64982	1957/06/10	AGR RIGHT OF WAY			INTERPROVINCIAL PIPE LINE COMPANY	C
PL895	1958/09/08	PLAN MISC REGISTER				C
PL937	1959/03/04	PLAN MISCELLANEOUS				C
PL1077	1960/11/04	PLAN MISC REGISTER				C
PL1112	1961/10/02	PLAN MISCELLANEOUS				C
PL1113	1962/01/02	PLAN MISCELLANEOUS				C
133411	1962/01/11	AMALGAMATION CORP				C
PL1287	1964/06/04	PLAN MISCELLANEOUS				C
PL1288	1964/06/04	PLAN MISCELLANEOUS				C
20R686	1973/06/07	PLAN REFERENCE				C
20R1819	1974/12/06	PLAN REFERENCE				C
20R2116	1975/06/13	PLAN REFERENCE				C
444139	1976/11/17	TRANSFER	$2		HER MAJESTY THE QUEEN, IN THE RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS	C
444141	1976/11/17	QUIT CLAIM TRNSFR	$1		HER MAJESTY THE QUEEN, IN THE RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS	C
20R2937	1976/12/20	PLAN REFERENCE				C
20R2992	1977/02/18	PLAN REFERENCE				C
20R3047	1977/03/25	PLAN REFERENCE				C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
20R3069	1977/04/14	PLAN REFERENCE				C
20R3081	1977/04/20	PLAN REFERENCE				C
20R3097	1977/04/26	PLAN REFERENCE				C
20R3152A	1977/05/27	PLAN REFERENCE				C
461071	1977/07/28	TRANSFER	$2		THE REGIONAL MUNICIPALITY OF HALTON	C
20R3243	1977/08/02	PLAN REFERENCE				C
PM340	1977/08/11	PLAN EXPROPRIATION			MINISTRY OF TRANSPORTATION AND COMMUNICATIONS	C
PM341	1977/08/11	PLAN EXPROPRIATION			THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS	C
PM342	1977/08/11	PLAN EXPROPRIATION				C
REMARKS: P-1939-246						
PM343	1977/08/11	PLAN EXPROPRIATION				C
REMARKS: P1939-244						
PM345	1977/08/11	PLAN EXPROPRIATION				C
REMARKS: P-1939-243						
PM346	1977/08/11	PLAN EXPROPRIATION				C
REMARKS: P-1939-245						
PM349	1977/10/05	PLAN EXPROPRIATION				C
REMARKS: 853-65E						
PM352	1977/10/05	PLAN MISCELLANEOUS				C
473234	1978/01/31	TRANSFER	$1		HER MAJESTY THE QUEEN, IN RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS	C
20R3629	1978/03/22	PLAN REFERENCE				C
476667	1978/03/31	TRANSFER	$2		HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY MINISTER OF GOVERNMENT SERVICES	C
PM444	1978/06/15	PLAN MISCELLANEOUS				C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: P-1939-268						
485503	1978/08/14	TRANSFER	$2		HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO, AS REPRESENTED BY THE MINISTER OF GOVERNMENT SERVICES	C
20R3849	1978/08/17	PLAN REFERENCE				C
PM454	1978/11/20	PLAN MISCELLANEOUS				C
PM455	1978/11/20	PLAN EXPROPRIATION			HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF GOVERNMENT SERVICES FOR ONTARIO	C
PM456	1978/11/20	PLAN EXPROPRIATION				C
PM457	1978/11/20	PLAN EXPROPRIATION				C
PM458	1978/11/20	PLAN EXPROPRIATION			HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF GOVERNMENT SERVICES FOR ONTARIO	C
PM459	1978/11/20	PLAN EXPROPRIATION				C
REMARKS: 853-126E						
PM460	1978/11/20	PLAN EXPROPRIATION				C
REMARKS: 853-127E						
PM474	1978/12/04	PLAN EXPROPRIATION				C
REMARKS: 853-117E						
494868	1978/12/28	TRANSFER	$1		HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF GOVERNMENT SERVICES	C
PE2	1979/03/13	PLAN EXPROPRIATION			HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF GOVERNMENT SERVICES FOR ONTARIO	C
498958	1979/03/27	PLAN MISCELLANEOUS				C
20R4583	1979/12/20	PLAN REFERENCE				C
517931	1980/02/13	NOTICE				C
REMARKS: NOTICE OF ASSUMPTION						
520009	1980/04/02	ORDER IN COUNCIL				C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
548610	1981/10/23	ORDER IN COUNCIL			MINISTER OF GOVERNMENT SERVICES	C
20R6294	1983/09/08	PLAN REFERENCE				C
PG22	1984/06/27	PLAN MISC DEPOSIT				C
20R6704	1984/08/23	PLAN REFERENCE				C
621275	1985/06/27	AGREEMENT			THE REGIONAL MUNICIPALITY OF HALTON	C
20R8095	1987/05/25	PLAN REFERENCE				C
678985	1987/10/28	ORDER IN COUNCIL			HER MAJESTY THE QUEEN, IN RIGHT OF THE PROVINCE OF ONTARIO AS REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS	C
708370	1988/12/13	ORDER IN COUNCIL			MINISTER OF TRANSPORTATION	C
20R9234	1989/03/28	PLAN REFERENCE				C
747165	1990/07/03	NOTICE				C
756410	1990/12/21	BYLAW				C
824285	1994/06/24	NOTICE				C
	REMARKS: NOTICE OF CLAIM DOES NOT AFFECT HC402 DELETED 09/21/06					
20R19640	2013/07/11	PLAN REFERENCE				C
HR1517687	2018/01/12	APL (GENERAL)		HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION FOR THE PROVINCE OF ONTARIO		C
	REMARKS: OIC- AFFECTS: PART OF LOTS 1 & 2, CONCESSION 1, SOUTH OF DUNDAS STREET (GEOGRAPHIC TOWNSHIP OF TRAFALGAR); PART OF LOTS 1 & 2, CONCESSION 2, SOUTH OF DUNDAS STREET (GEOGRAPHIC TOWNSHIP OF TRAFALGAR); PART OF LOTS 3 & 4, CONCESSION 2, SOUTH OF DUNDAS STREET (GEOGRAPHIC TOWNSHIP OF TRAFALGAR); PART OF THE ROAD ALLOWANCE BETWEEN THE TOWNSHIPS OF TRAFALGAR & TORONTO, CONCESSION 1, SOUTH OF DUNDAS STREET AND PART OF THE ROAD ALLOWANCE BETWEEN THE TOWNSHIPS OF TRAFALGAR & TORONTO, CONCESSION 2, SOUTH OF DUNADS STREET; BEING PART OF THE QUEEN ELIZABETH WAY				
20R21690	2020/06/16	PLAN REFERENCE				C
20R21774	2020/09/29	PLAN REFERENCE				C
HR1798884	2021/06/14	APL (GENERAL)		HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF ONTARIO, REPRESENTED BY THE MINISTER OF TRANSPORTATION FOR THE		C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				PROVINCE OF ONTARIO		
	REMARKS: ORDER IN COUNCIL RE: PARTS 4 AND 5, PLAN 20R21774.					
HR1830063	2021/09/21	LR'S ORDER		LAND REGISTRAR, HALTON LAND REGISTRY OFFICE		C
	REMARKS: AMEND OWNERSHIP