

Phase One Environmental Site Assessment

**Part of Lot 7, Concession 9, 6252, 6168, and 6136 Ninth Line
Mississauga, Ontario**

Prepared For:

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1.0 Executive Summary

DS Consultants Ltd. (DS) was retained by Derry Britannia Developments Limited (the “Client”) to conduct a Phase One Environmental Site Assessment (ESA) of the Property located at Part of Lot 7, Concession 9, 6252, 6168, and 6136 Ninth Line, Mississauga, Ontario, herein referred to as the “Phase One Property”. DS understands that this Phase One ESA may be used to support the filing of a Record of Site Condition (RSC) as part of the proposed redevelopment of the Phase One Property for residential purposes.

The Phase One Property is a 19.696-hectare (48.67 acre) parcel of land situated within a mixed residential and agricultural neighborhood in the City of Mississauga, Ontario. The Phase One Property is located approximately 315 m north of the intersection of Ninth Line and Britannia Road West and was occupied by agricultural fields and a residential home at the time of this investigation. The Phase One Property consists of four smaller parcels herein referred to as Parcels G, H, I, and J. A Site Location Plan is provided in Figure 1.

The Phase One Property’s historical and current uses are listed below:

- Parcel G was first used for agricultural purposes since the early 1980s and has been used for this purpose since. Currently, the parcel is vacant.
- Parcel H was first used residential purposes when a residential building (Site Building A) was constructed in 1975. Currently, the residential building and two sheds on the western side of the Site Building A (Site Buildings B and C) are still present, however the parcel is vacant.
- Parcel I was first used for residential purposes in 1966 when a residential home (Site Building D) was constructed. In 1975 two stables were built (Site Buildings E and F). The property was used for mixed agricultural and residential purposes until 2004 when all buildings on the parcel were demolished. Currently the parcel is vacant.
- Parcel J was first used for agricultural purposes in the early 1880s, as indicated by the orchard present on the parcel in the 1880 County Atlas. It was used for mixed agricultural and residential purposes in 1954 when what appeared to be a residential building (Site Building G) and a barn (Site Building H) were constructed on the parcel. A drive shed (Site Building I) was constructed behind the barn in 1985. Site Building I was demolished in 2006, Site Building H was partially demolished in 2012 and Site Building G was demolished in 2015. Currently, the parcel is vacant

The neighboring properties within the Phase One Study Area appear to have been used for residential purposes since the early 1960s.

It is understood that the intended future property use (residential) is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended); therefore the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) is

not mandated under O.Reg. 153/04. However, it is DS' understanding that the City of Mississauga may require the filing of a RSC as part of the development approvals process.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

Based on the findings of the Phase One ESA, DS presents the following findings:

- ◆ The topography of the Phase One Property is generally flat, with a surface elevation of 192 meters above sea level (masl). The topography within the Phase One Study Area generally slopes to the south, towards a tributary of East Sixteen Mile Creek, located approximately 40 m west of the Phase One Property. The nearest body of water is Osprey Marsh, located approximately 20 m east of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 3.66-7.62 meters below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be south towards a tributary of the East Sixteen Mile Creek;
- ◆ The Site is situated within a beveled till plains physiographic region. The surficial geology within the Phase One Study area is described as “fine-textured glaciolacustrine deposits”. The underlying bedrock is described as “shale, limestone, dolostone, and siltstone of the Queenston Formation”. Based on a review of MECP well records (well ID 2806566), the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 17.7 to 22.8 mbgs; and
- ◆ The following potentially contaminating activities (PCAs) were identified on the which are considered to be contributing to areas of potential environmental concern (APEC) on the Phase One Property:
 - PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage
 - The current property owner indicated that pesticides may have been used on the properties when they were used for agricultural purposes.

- The 1880 County Atlas indicated that the southern portion of Parcel J was previously part of an orchard. It is possible that lead, arsenic, and OC based pesticides were applied liberally to the former orchard.
- PCA-28: Gasoline and associated products storage in fixed tanks
 - An 800L AST was identified by the 2008 Terrapex Phase I ESA within Site Building A on Parcel H.
 - A historical AST was identified by the 2011 AME Phase I ESA within the vicinity of Site Building H on Parcel J.
- PCA-30: Importation of Fill Material of Unknown Quality
 - The 2018 Shad & Associates Parcel I Geotechnical Report identified fill material 0.7-0.9 mbgs. Fill material is expected in the vicinity of Site Buildings E and F on Parcel I.
 - Fill material is anticipated within the footprint of the previous residential dwelling (Site Building D) identified in the aerials on Parcel I.
 - Fill material is anticipated in the recently demolished residential building (Site Building G) on Parcel J.

Based on a review of the information available at this time it is concluded that seven (7) PCAs were identified on the Phase One Property which are considered to be contributing to seven (7) APECs in, on, or under the Phase One Property. A summary of the PCAs identified and the associated APECs is provided in Table 1-1 below. Note that the PCA numbers used below are per Table 2, Schedule D of O.Reg. 153/04.

Table 1-1 Summary of APECs Identified on Phase One Property

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Entire Property	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage - pesticides may have been used on the properties when they were used for agricultural purposes	On-Site	OC Pesticides	Soil
APEC-2	Eastern Portion of Parcel H	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - An 800L AST was identified by the 2008 Terrapex Phase I ESA for Parcel H.	On-Site	PHCs F1-F4, BTEX, PAHs	Soil
				PHCs F1-F4, BTEX	Groundwater
APEC-3	Middle Portion of Parcel J	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - A historical AST was identified by the 2011 AME Phase I ESA on Parcel J.	On-Site	PHCs F1-F4, BTEX, PAHs	Soil
				PHCs F1-F4, BTEX	Groundwater
APEC-4	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material was observed in the vicinity of the Site Buildings E and F on Parcel I, during the site reconnaissance.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR,	Soil
APEC-5	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated within the footprint of the previous	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg,	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
		residential dwelling (Site Building D) identified in the aerials on Parcel I.		low or high pH, SAR,	
APEC-6	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the recently demolished residential building (Site Building G) on Parcel J.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil
APEC-7	Southern Portion of Parcel J	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage -Lead and arsenic based pesticides and/or OC pesticides been used liberally on the former orchard.	On-Site	OC Pesticides, Metals, As, Sb, Se	Soil
APEC-8	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the partially demolished bar (Site Building H) on Parcel J.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil

The PCAs identified in Table 1-1 above are considered by the Qualified Person (QP) to be contributing to Areas of Potential Environmental Concern on the Phase One Property. The Potential Contaminants of Concern (PCOCs) identified by the QP include PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs, OC Pesticides.

Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA would be required in order to investigate the aforementioned APECs and to assess the environmental soil and groundwater conditions on the Phase One Property. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

2.0 Introduction

DS Consultants Ltd. (DS) was retained by Derry Britannia Developments Limited to complete a Phase One ESA of the Properties described as Part of Lot 7, Concession 9, 6252, 6168, and 6136 Ninth Line, Mississauga, Ontario, herein referred to as the “Phase One Property”. It is DS’ understanding that this Phase One ESA has been requested for due diligence purposes in association with the proposed redevelopment of the Property. DS understands that this Phase One ESA may be used to support the filing of a Record of Site Condition (RSC) as part of the proposed redevelopment of the Phase One Property for residential purposes.

It is understood that the intended future property use (residential) is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended); therefore the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) is not mandated under O.Reg. 153/04. However, it is DS’s understanding that the City of Mississauga may require the filing of a RSC as part of the development approvals process.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

2.1 Phase One Property Information

The information for the Phase One Property is provided in the following Table.

Table 2-1: Phase One Property Information

Criteria	Information	Source
Legal Description	<p>Parcel G: Part of Lot 7, Concession 9, Trafalgar New Survey, Part 2, 20R13225, City of Mississauga</p> <p>Parcel H: Part of Lot 7, Concession 9, Trafalgar New Survey, as in 653286; lying north east of PE184, City of Mississauga</p> <p>Parcel I: Part of Lots 6 and 7, Concession 9, Trafalgar New Survey, Part 4, 20R13225, City of Mississauga</p> <p>Parcel J: Part of Lot 6, Concession 9 Trafalgar New Survey, Part 2, 20R10482, Except Part 1, 20R10482, City of Mississauga</p>	Client
Property Identification Number (PIN)	<p>Parcel G: 24938-0097 (LT)</p> <p>Parcel H: 24938-0055 (LT)</p> <p>Parcel I: 24938-0098 (LT)</p> <p>Parcel J: 24938-0027 (LT)</p>	Client
Municipal Address	<p>Parcel G: Part of Lot 7, Concession 9 Ninth Line, Mississauga, Ontario</p> <p>Parcel H: 6252 Ninth Line, Mississauga, Ontario</p> <p>Parcel I: 6168 Ninth Line, Mississauga, Ontario</p> <p>Parcel J: 6136 Ninth Line, Mississauga, Ontario</p> <p>Mississauga, Ontario</p>	City of Mississauga Maps
Property Owner	Derry Britannia Developments Limited	Client
Property Owner Contact Information	Eric Mueller Project Manager 905-907-8368	Client
Site Area	19.696 hectares (48.67 acres)	City of Mississauga Maps

2.2 Site Description

The Phase One Property is a 19.696-hectare (48.67 acre) parcel of land situated within a mixed residential, agricultural and commercial neighborhood in the City of Mississauga, Ontario. The Phase One Property is located approximately 315 m north of the intersection of Ninth Line and Britannia

Road West and was occupied by agricultural fields and a residential home at the time of this investigation. The Phase One Property consists of four smaller parcels herein referred to as Parcels G, H, I, and J. A Site Location Plan is provided in Figure 1.

For the purposes of this report, Britannia Road West is assumed to be aligned in an east-west orientation, and Ninth Line in a north-south orientation. A Plan of Survey for the Phase One Property prepared by JD Barnes, an Ontario Land Surveyor, has been provided under **Appendix A**.

The property currently includes one single-storey residential building on Parcel H (Site Building A) as well as two sheds located behind Site Building A (Site Buildings B and C). Parcel I previously contained one residential dwelling (Site Building D) and two stables (Site Buildings E and F), however, they were demolished in the early-2000s. Parcel J previously contained a residential dwelling (Site Building G) that was demolished in 2015 as well as a partially demolished barn on (Site Building I).

A Site Plan depicting the orientation of the buildings on-site is provided in Figure 2

3.0 Scope of Investigation

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04, as amended (Phase One ESA requirements). This included:

- ◆ A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
 - Physical setting information such as aerial photographs, topographic mapping, available historical maps and drawings;
 - Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DS;
 - Geological and hydrogeological information in published government maps and/or reports;
 - A review of information on file with Ecolog ERIS, a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries;
 - Review of fire insurance plans, municipal directory documentation and available environmental reports that are pertinent to the Phase One Property;

- Regulatory Information, including such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property, orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, by-laws, and permits that may impact the condition of the property;
 - Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
 - The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.
- ◆ Interviews with available individuals having knowledge of current and/or past site activities;
- ◆ An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:
- The site operations, processes, and waste management currently carried out on the Phase One Property.
 - The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
 - The source of potable water for the Phase One Property and properties within the Phase One Study Area;
 - The potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs);
 - Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
 - The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;
 - Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
 - The potential presence of various Designated Substances and building materials including:
 - Friable and non-friable asbestos
 - Urea formaldehyde foam insulation (UFFI)
 - Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
 - PCB-containing materials and electrical equipment
 - Lead-based paint
 - Mould
 - The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
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- General site conditions, including topography and drainage, standing water, rights-of-way, presence of underground utilities, evidence of stained or odorous soils, and stressed vegetation.
- ◆ Evaluation of the information and documentation of the results in the form of a Phase One ESA Report.

The objectives of the Phase One ESA are:

1. To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property;
2. To identify potentially contaminating activities within the Study Area (i.e., areas within 250 m of the Property), and to assess if Areas of Potential Environmental Concern (APECs) exist on the Phase One Property;
3. To identify the Potential Contaminants of Concern associated with the PCAs identified; and
4. To provide a basis for subsequent investigation, if required, based on the findings of the Phase One ESA.

4.0 Records Review

4.1 General

4.1.1 Phase One Study Area Determination

Based on a review of the available historical records and the observations made during the Phase One Site Reconnaissance, no heavy industrial properties or other relevant potentially contaminating activities were observed which were considered to merit expanding the Phase One Study Area. As such the Phase One Study Area was defined by a 250-meter radius around the Phase One Property boundary, in accordance with O.Reg. 153/04 (as amended).

The properties within 250 m of the Phase One Property generally consist of residential, commercial, and agricultural land uses. An assessment of the historical and current use of all properties within the Phase One Study Area was conducted in order to assess for the presence/absence of potentially contaminating activities. A summary of the potentially contaminating activities identified within the Phase One Study Area is provided under **Section 7.2**. A plan depicting the Phase One Study Area limits as well as the current land uses is presented in Figure 2.

4.1.2 First Developed Use Determination

The first developed use of the Phase One Property is considered under O.Reg. 153/04 (as amended) to be either the first use of the Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, or the first potentially contaminating use or activity on the Phase One Property.

The determination of the first developed use of the Phase One Property was based on a review of available aerial photographs, historical maps, fire insurance plans, city directories, and interviews. A summary of the first developed use determination for the respective parcels is provided below, based on the information reviewed as part of this investigation:

- Parcel G was first used for agricultural purposes since the early 1980s and has been used for this purpose since. Currently, the parcel is vacant.
- Parcel H was first used residential purposes when a residential building (Site Building A) was constructed in 1975. Currently, the residential building and two sheds on the western side of the Site Building A (Site Buildings B and C) are still present, however the parcel is vacant.
- Parcel I was first used for residential purposes in 1961 when a residential home (Site Building D) was constructed. In 1975 two stables were built (Site Buildings E and F). The property was used for mixed agricultural and residential purposes until 2004 when all buildings on the parcel were demolished. Currently the parcel is vacant.
- Parcel J was first used for agricultural purposes in the early 1880s, as indicated by the orchard present on the parcel in the 1880 County Atlas. It was used for mixed agricultural and residential purposes in 1954 when what appeared to be a residential building (Site Building G) and a barn (Site Building H) were constructed on the parcel. A drive shed (Site Building I) was constructed behind the barn in 1985. Site Building I was demolished in 2006, Site Building H was partially demolished in 2012 and Site Building G was demolished in 2015. Currently, the parcel is vacant

4.1.3 Fire Insurance Plans

A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library and City Toronto's online services. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. No FIPs were available for DS to review at the time of this investigation.

4.1.4 Chain of Title

A chain of title search was not prepared as part of this Phase One ESA as sufficient information regarding the history of the property was available (e.g. EcoLog ERIS, City Directories). It is noted that a chain of title for the Phase One Property from the date of patent to present will be required before an RSC can be filed (if required) for the property.

4.1.5 Environmental Reports

DS reviewed the following environmental report prepared for the Property. The report was provided by the client to DS.

Parcel G

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- ◆ *“Phase I Environmental Site Assessment Part of Lot 7, Concession, Milton, Ontario”, prepared for Derry Britannia Development Limited, prepared by Pinchin Environmental, dated October 2, 2008 (Pinchin Phase I ESA 2008);*
 - ◆ *“Preliminary Geotechnical Investigation Report, Property P457, Milton, Ontario”, prepared for Derry Britannia Development Limited c/o Mattamy Development Corporation, prepared by Shad & Associates Inc., dated October 6, 2008 (Shad & Associates Parcel G Geotechnical Report 2008);*

Parcel H

- ◆ *“Phase I Environmental Site Assessment 6252 Ninth Line, Milton, Ontario”, prepared for Mattamy Development Corporation c/o Shad & Associates Inc., prepared by Terrapex Environmental Ltd., dated June 2008 (Terrapex Phase I ESA 2008);*
- ◆ *“Preliminary Geotechnical Investigation Report, 6252 Ninth Line, Milton, Ontario”, prepared for Mattamy Development Corporation, prepared by Shad & Associates Inc., dated October 6, 2008 (Shad & Associates Parcel H Geotechnical Report 2008);*

Parcel I

- ◆ *“Phase I Environmental Site Assessment 6168 Ninth Line, Mississauga, Ontario”, prepared for Mattamy Development Corporation c/o Shad & Associates Inc., prepared by Pinchin Environmental, dated March 28, 2018 (Pinchin Phase I ESA 2018);*
- ◆ *“Preliminary Geotechnical Investigation Report, 6168 Ninth Line, Mississauga, Ontario”, prepared for Mattamy Development Corporation, prepared by Shad & Associates Inc., dated April 6, 2018 (Shad & Associates Parcel I Geotechnical Report 2018);*

Parcel I

- ◆ *“Phase I Environmental Site Assessment, 6136 Ninth Line, Milton, Ontario”, prepared for Mattamy Homes Limited, prepared by AME, dated April 27, 2011 (AME Phase I ESA 2011);*
- ◆ *“Preliminary Geotechnical Investigation Proposed Residential Development Nunan/Halk Property, 6136 Ninth Line, Milton, Ontario”, prepared for Mattamy Homes Limited (Peel Division), prepared by AMEC Earth & Environmental, dated May 26, 2006 (AMEC Geotechnical Report 2006);*

Surrounding Parcels

- ◆ *“Phase I Environmental Site Assessment, 6302 Ninth Line, Mississauga, Ontario”, prepared for Mattamy Development Corporation c/o Shad & Associates Inc., prepared by Pinchin, dated April 15, 2015 (Pinchin 2015 Phase I ESA); and*
 - ◆ *“Phase I Environmental Site Assessment, 6314 Ninth Line, Mississauga, Ontario”, prepared for Mattamy Homes, prepared by Sirati and Partners Consultants Limited (SPCL), dated January 25, 2017 (SPCL 2017 Phase I ESA).*
-

These reports were reviewed in order to assess for the presence of known or suspected PCAs and APECs, and to determine if there are known soil and/or groundwater impacts on the Phase One Property or on Properties within the Phase One Study Area.

A summary of the pertinent details of the reports reviewed is provided below:

Pinchin Phase I ESA 2008 – Parcel G

The 2008 Pinchin Phase I ESA was conducted in general accordance with CSA document entitled "Phase I Environmental Site Assessment" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

- ◆ The site was vacant and undeveloped at the time of the investigation.
- ◆ The site has been vacant for the entirety of its existence.

Based on the results of the findings of the Phase I ESA nothing was observed that is likely contributing to areas of potential environmental concern. No further work was recommended.

Shad & Associates Geotechnical Report 2008 – Parcel G

The investigation was conducted in order to obtain preliminary information about the existing subsurface conditions on the property. Five boreholes extending to a maximum depth of 5 meters below ground surface (mbgs). Monitoring wells were installed in all boreholes advanced.

The property consists of a surficial topsoil layer approximately 0.1 to 0.15 m thick underlain by a ploughed/disturbed silty clay/clayey silt till deposit that is indicative of agricultural use. This layer extended to a depth of 0.6 to 1.5 mbgs and was underlain by a clayey silt/silty clay till layer that was encountered until borehole termination depth.

Groundwater was found to fluctuate between 1.2 to 4.35 mbgs. Shad & Associates inferred that the higher groundwater levels could be the result of a perched aquifer located within the disturbed layer encountered, and that the actual static groundwater level is predicted to be around 2.7mbgs.

Terrapex Phase I ESA 2008 – Parcel H

The 2008 Terrapex Phase I ESA was conducted in general accordance with CSA document entitled "Phase I Environmental Site Assessment" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

- ◆ At the time of the report the property was used for agricultural purposes.

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- ◆ The first developed used was determined to be agricultural, two structures were located on the property were constructed between 1988 and 2008 and was reported to be used as residential dwellings and sheds.
 - ◆ The property was rented to a local farmer and was used for agricultural purposes until 2007.
 - ◆ A domestic water well is present on the property.
 - ◆ An 800L aboveground storage tank (AST) used for storage of fuel was located in the basement of the residential dwelling at the time of the investigation.
 - ◆ No records of pesticides were reported to be used on the property.

Terrapex did not identify any potential environmental liabilities associated with the property.

Shad & Associates Geotechnical Report 2008 - - Parcel H

The investigation was conducted in order to obtain preliminary information about the existing subsurface conditions on the property. Five (5) boreholes were advance on the property to a maximum depth of 5 mbgs.

A topsoil layer 0.1 to 0.4 m in thickness was encountered. This was underlain by a ploughed/disturbed sily clay fill material that extended from 0.9-1.38 mbgs. Underlying the fill was a clayey silt in some of the boreholes that extended to a depth of 2.3 mbgs. A clayey till was encountered in the majority of the boreholes and extended until borehole termination depth.

The groundwater conditions encountered on the site ranged from depths of 1.3 to 4.2 mbgs. However, the report speculates that this may be due to perched water conditions observed within the ploughed/disturbed silty clay fill layer, and that the actual water table is approximately 2.5-3.0 mbgs.

Pinchin Phase I ESA 2018 – Parcel I

The 2018 Pinchin Phase I ESA was conducted in general accordance with CSA document entitled "Phase I Environmental Site Assessment" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

- ◆ The property consisted of vacant undeveloped/agricultural land since approximately 1946.
- ◆

Pinchin did not find any evidence that is likely to result in potential subsurface impacts on the property. As such, a Phase II ESA was not recommended.

Shad & Associates Geotechnical Report 2018 – Parcel I

The investigation was conducted in order to obtain information regarding the subsurface conditions on the property. A total of six (6) boreholes were advanced to a maximum depth of 5 mbgs. Monitoring wells were installed in all boreholes upon completion.

A surficial layer of topsoil and ploughed fill was encountered to depths ranging from 0.7-0.9 mbgs. This layer was underlain by a clayey sandy silt deposit in some boreholes that extended down to depths ranging from 1.4-1.9 mbgs. In other boreholes a silty clay deposit was encountered at depths ranging from 1.9 to 4.1 mbgs. This unit was also found to be continued in one of the boreholes at the borehole termination depth. Oxidized fissures and occasional silt and/or sand seems were noted within this deposit. In all of the boreholes a silty clay till was found to extend up to depths of 4.5 mbgs in one borehole and until borehole termination depth in the remaining.

Groundwater was found to fluctuate between 0.1-4.6 mbgs, however, the report notes that a perched water condition is present within the fill unit. An actual groundwater depth was suggested to be between 3.3-4.0 mbgs.

AME Phase I ESA 2011 – Parcel I

The 2011 AME Phase I ESA was conducted in general accordance with CSA document entitled "Phase I Environmental Site Assessment" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

- ◆ The property was occupied by a residential dwelling (built in 1936), barn, and wood shed at the time of this report and was used for agricultural purposes.
- ◆ An empty AST was identified on the property.
- ◆ One sump was observed in the basement of the residential dwelling.
- ◆ Two domestic wells and a septic tank were observed on the property.
- ◆ Two ponds were located on the site at the time of the report.

AME concluded that there is no evidence of contamination in connection with the property. A Phase II ESA was not recommended.

AMEC Geotechnical Report 2006 – Parcel I

The 2006 AMEC Geotechnical Report was conducted in order to provide a preliminary geotechnical investigation for the proposed redevelopment of the property.

Five boreholes were advanced to depths ranging 5.0 to 6.6 mbgs were advanced on the property. During the advancement of the holes, no fill material was discovered.

A surficial layer of topsoil (0.25-0.36m thick) was encountered. Underlying this was a silty clay/clayey silt layer extending to depth ranging from 3.5-4.0 mbgs. Underlying this was a silty clay layer extending to a depth of 5.5 mbgs. Below this lay a silty clay/clayey silt till that extended to borehole termination.

Groundwater was observed at a depth of approximately 3.4 mbgs.

Pinchin 2015 Phase I ESA – 6302 Ninth Line (North neighbouring property)

The Pinchin 2015 Phase I ESA was conducted in general accordance with CSA document entitled "Phase I Environmental Site Assessment" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

- ◆ The Phase I Property was first developed prior to 1956 for agricultural use, until it was redeveloped for arborist operations.
- ◆ The Phase I Property previously included seven buildings, the single family residential dwelling was built in 1957, an office and a workshop/storage shed in the late 1970s, a storage building in 2008, a wood storage shed in 2003, another wood storage shed in 2007 with an addition in 2009, and a drive shed in 2014.
- ◆ The property was occupied by Maple Hill Tree Services, an arborist company.
- ◆ Three double walled above ground storage tanks (ASTs) are present on the property. The tanks are used to fuel equipment and trucks associated with the business. Additionally, one abandoned single-walled AST is also present on the property.
- ◆ Four propane tanks for heating purposes are located by the office and storage shed.
- ◆ There is an in-ground pool behind the residential dwelling.
- ◆ The property has been used for arborist operations since approximately 1957.
- ◆ The property is serviced municipally.

Pinchin concluded that there were no potentially contaminating activities that would result in subsurface soil impacts present on the site. Pinchin recommended that a substance survey be completed prior to any demolition, that the abandoned AST be decommissioned, and decommissioning the water wells present on the property. A Phase II ESA was not recommended.

The Phase I ESA noted that no staining was present in the vicinity of the ASTs, and that the ASTs appeared to be in good condition. The locations of the ASTs identified are more than 50 m from the Phase One Property. Based on the distance from the site, the inferred low permeability of the soils within the Phase One Study Area, and the reported good condition of the ASTs, this PCA is not considered to be contributing to an APEC on the Phase One Property.

SPCL 2017 Phase I ESA – 6314 Ninth Line (North Neighbouring Property)

The investigation was reported to have been conducted in general accordance with Ontario Regulation 153/04, dated April 15, 2011 (as amended), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

-
- ◆ The Phase I Property was first developed in the 1840s for agricultural use until its redevelopment in the mid 1960s for residential and commercial purposes – mainly storage of trailers, RVs and boats.
 - ◆ Maintenance of trucks/trailers, including oil changes, regularly occurred in the barn on the property.
 - ◆ Two above ground diesel storage tanks for use of fueling trailers and RVs are located on the property with no secondary containment.
 - ◆ The property is designated by the Conservation Halton.
 - ◆ The building is heated using natural gas.
 - ◆ The property was registered with the MECP for industrial liquid waste (waste oils and lubricants) by Salid Investment LTD in the 1980s and 1990s

SPCL recommended that a Phase Two ESA be completed on the property in order to confirm the quality of the soil and the groundwater at the property for potential contaminants of concern, associated with the current and historical use of the property.

It is not anticipated that the above noted concerns are contributing to areas of environmental concern, due to the distance of greater than 100m away from the Phase One Property.

4.1.6 City Directories

City Directories for the years 1971 to 2001 were reviewed at the Metropolitan Toronto Reference Library. Parcel I (6168 Ninth Line) was the first address listed in the city directories.

Parcels G and J were not listed in the city directories.

Parcel H was first listed in 1975 for residential use and remained listed for residential use until 1983. It was again listed for residential use from 1992 through 1998.

Parcel I was first listed in 1971 for residential use and appears to have been operated as a stable (Windermere Stables) in 1975. The property was again listed for residential use in the mid 1980s and was reported to be vacant in the mid 1990s.

A complete summary of the City Directory listings reviewed has been included under **Appendix B**. The locations of the historical occupants of potential environmental concern are presented on Figure 2B and are discussed further under Section 7.2.

4.2 Environmental Source Information

4.2.1 Ecolog Eris Report

EcoLog Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information.

DS contacted EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. EcoLog searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the databases provide by ERIS is provided in the Table below:

Table 4-1: Summary of Environmental Databases Reviewed

Federal Government Source Databases	Private Source Databases
Contaminated Sites on Federal Land; Environmental Effects Monitoring; Environmental Issues Inventory System; Federal Convictions; Fisheries & Oceans Fuel Tanks; Indian & Northern Affairs Fuel Tanks; National Analysis of Trends in Emergencies System (NATES); National Defense & Canadian Forces Fuel Tanks; National Defence & Canadian Forces Spills; National Defence & Canadian Forces Waste Disposal Sites; National Environmental Emergencies System (NEES); National PCB Inventory; National Pollutant Release Inventory; Parks Canada Fuel Storage Tanks; and Transport Canada Fuel Storage Tanks.	Anderson's Storage Tanks; Anderson's Waste Disposal Sites; Automobile Wrecking & Supplies; Canadian Mine Locations; Canadian Pulp and Paper; Chemical Register; ERIS Historical Searches; Oil and Gas Wells; Retail Fuel Storage Tanks; and Scott's Manufacturing Directory.
Provincial Government Source Databases	
Abandoned Aggregate Inventory; Abandoned Mine Information System; Aggregate Inventory; Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks; Compliance and Convictions; Drill Hole Database; Environmental Activity and Sector Registry; Environmental Compliance Approval; Environmental Registry; Fuel Storage Tank; Fuel Storage Tank – Historic; Inventory of Coal Gasification Plants and Coal Tar Sites; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary; Ontario Regulation 347 Waste Receivers Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were ten (10) listings for the Phase One Property, and thirty (30) listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix C. A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Table below:

Table 4-2: Summary of ERIS Report Findings on Phase One Property

Database/Date	Entry Details
Record of Site Condition (RSC)	One RSC was listed on the Phase One Property for Parcel J using a Phase One ESA on June 16, 2011, filing number 112527.
Well Water Information System (WWIS)	Two (2) monitoring wells, two (2) abandoned water wells, and two (2) domestic wells were located on the Phase One Property. Additional details regarding the well construction, lithology encountered, and installation date can be found in the Ecolog ERIS report, enclosed under Appendix C .

Table 4-3: Summary of ERIS Report Findings within Phase One Study Area

Database/Date	Entry Details
Certificates of Approval (CA)	<p>996075 Ontario Inc. on Foxwood Avenue/Ninth Line/Lisgar received a certificate of approval for municipal water and sewage in 1997.</p> <p>Fanshaw Estates Inc. on Parkgate Drive/Ninth Line was approved for municipal water and sewage in 1992.</p> <p>Third Terragar Holdings Limited on Ninth Line/Parkgate Drive was approved for municipal water in 1996.</p> <p>The approval of municipal water and sewage is not considered to be a potentially contaminating activity.</p>
ERIS Historical Searches (EHS)	Eight EcoLog ERIS historical searches were conducted on or within the Phase One Study Area, indicating previous Phase One ESAs have been conducted.
Ontario Regulation 347 Waste Generators Summary (GEN)	Salid Investments on 6314 Ninth Line approximately 100m north of the Phase One Property was listed as a generator of waste oils and lubricants in 1989 and from 1992 to 1998.

Database/Date	Entry Details
Pesticide Register (PES)	<p>Maple Hill Tree Services on 6302 Ninth Line obtained two licences for pesticide operation. Pesticides are likely used off-site due to the nature of the business and are not considered to be a potentially contaminating activity.</p> <p>Various businesses on 6000 Ninth Line, approximately 50 m south of the Phase One Property were listed as pesticide vendors three time. This property is occupied by a landscaping/garden retail store. The retail sale of pesticides is not considered to be a potentially contaminating activity.</p> <p>The below addresses are residential houses, it is inferred that the businesses are registered to the house address. and As such, these are not considered to be potentially contaminating activities.</p> <p>Roach Remover Inc. on 3952 Bentrige Road, a residential building approximately 145 m east of the Phase One Property, was registered as a pesticide operator.</p> <p>Central Pest Control Ontario Inc on 6435 Hampden Woods Road, approximately 270 m east of the Phase One Property, obtained three licenses to operate pesticides.</p> <p>Landmark Landscaping Inc. on 6143 Snowy Owl Crescent, approximately 250m southeast of the Phase One Property, was registered once.</p>
Ontario Spills (SPL)	6148 Snowy Owl Crescent, approximately 235m southeast of the Phase One Property was listed for a stormwater management pond leak that occurred in 1999, this is not considered to be a potentially contaminating activity.
Well Water Information System (WWIS)	Six (6) monitoring wells and one (1) abandoned water well were located within the Phase One Study Area. Additional details regarding the well construction, lithology encountered, and installation date can be found in the Ecolog ERIS report, enclosed under Appendix C .

4.2.2 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office on May 3, 2019 (**Appendix D**) to determine if there were any environmental incidents or violations associated with Parcels G through J; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the subject property; and, to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills that had occurred in the site vicinity. Note that the SAC's database dates back only to 1988 and many of the occurrences on file have only been reported voluntarily. In addition, the MECP was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground storage tanks and underground storage tanks; monitoring data, including that done at the request of the MECP; historical and current waste management, receiver and generator records; process, production and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

A response was received from the MECP on May 9, 2019 for Parcels G through J. No records were identified for any of the parcels. Additional information including the file number can be found in **Appendix D**.

4.2.3 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) maintain records related to storage tanks for petroleum related products. The TSSA was contacted to review records related to the Property and Study Area. According to the response received on May 22, 2019 from Ms. Kanagendran of TSSA, no records for the Phase One Property and properties located in the Study Area.

A copy of the correspondence with the TSSA has been appended under **Appendix D**.

4.2.4 Areas of Natural and Scientific Interest

The Natural Heritage Areas database published by the Ministry of Natural Resources (MNR) was reviewed in order to identify the presence/absence of areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands, environmentally significant areas, habitats of threatened or endangered species, and wilderness areas. The City of Mississauga Official Plans were also reviewed as part of this assessment.

According to the Schedule 3 Natural System Map in the City of Mississauga Official Plans, the Phase One Property is within 30m of a significant natural area, the Osprey Marsh. Schedule 3 Natural Heritage System Map has been enclosed in **Appendix D**.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1954, 1966, 1975, 1985, 1992, 2000, 2003, and 2012 were obtained from the City of Mississauga Online Mapping System and reviewed as part of this assessment. The County Atlas of Halton was reviewed in order to provide a more historical image from the year 1858 and 1880. Google Earth was used to review satellite imagery from the years 2004, 2006, and 2018. A

summary of pertinent information obtained from the aerial photographs reviewed is presented in the Table below. The supporting documents have been appended under Appendix E.

Table 4-4: Summary of Aerial Photographs

Year	Phase One Property	Phase One Study Area
1858	No structures were depicted on the map.	A river is drawn on the map to the southwest. Ninth Line appears to have been constructed at this time.
1880	One structure is present on what appears to be present on Parcel H, however, due to the scale of the drawing this is uncertain. There also appears to be an small orchard intersecting a southern portion of Parcel J at this time.	South: St. Peters Mission Church appears to have been built at this time.
1954	Parcel G, H, I: These parcels appear to be used for agricultural purposes, no buildings are present. Parcel J: What appears to be a residential building and a barn are present in the middle of Parcel J. A river runs through the south east corner of the parcel.	All of the surrounding properties appear to be undeveloped, except for a residential building on 6136 Ninth Line.
1966	Parcel G, H: No significant changes. Parcel I: A residential building appears to have been constructed on the southern portion of Parcel I around 6168 Ninth Line. Parcel J: The barn and residential home are more visible in this photograph.	Three homes have been constructed north of the Phase One Property. Britannia road west has been constructed at this time.
1975	Parcel G, J: No significant changes. Parcel H: A residential building has been constructed on the northeast corner of Parcel H. Parcel I: Two stables (Site Buildings E and F) have been built behind the residential building (Site Building D) on the southwest portion of Parcel I. A stormwater pond is present next to the barns.	No significant changes.
1985	Parcels G, H, I: No significant changes. Parcel J: A drive shed (Site Building I) has been constructed immediately behind the building located in the middle of Parcel J.	A small structure has been built on the south adjacent property.
1992	Parcel G, H, I: No significant changes. Parcel J: A stormwater pond is present on the southern portion of the Parcel J.	North: the north neighboring properties in the vicinity of the previously built homes have constructed more structures, likely drive sheds, on the properties. East: one residential home has been constructed on the east adjacent property. A culvert has been constructed from Osprey Marsh under Ninth Line. A residential building has been constructed on the parcel north adjacent to Parcel J.

		South: the south adjacent property has developed significantly, having constructed what appears to be five buildings and a parking lot. A stormwater pond has been constructed and the river on the property has been channelized.
2000	Parcel G, H, I: No significant changes. Parcel J: Another stormwater management pond is present along the river running through Parcel J.	South: Significant residential development has occurred south east of the property. East: the east adjacent properties have been developed significantly. Only two properties immediately adjacent to the north of Osprey Marsh remain undeveloped. A school has been developed east of the residential homes. West: Highway 407 has been constructed at this time. A river now runs along the highway.
2003	Parcel G, H, I, J: No significant changes	East: residential development has expanded north of the marsh. South: highway exit constructed.
2004	Parcel G, H, J: No significant changes Parcel I: All buildings at 6168 Ninth Line appear to have been demolished.	No significant changes.
2006	Parcel G, H, I: No significant changes. Parcel J: The drive shed (Site Building I) behind the barn in the middle of Parcel J has been removed.	No significant changes.
2012	Parcel G, H, I: No significant changes. Parcel J: The barn (Site Building H) in the middle of Parcel J appears to have been demolished.	No significant changes.
2015	Parcel G, H, I: No significant changes. Parcel J: The residential building (Site Building G) on the northeast corner of 6136 Ninth Line has been demolished.	No significant changes.
2018	No significant changes.	No significant changes.

4.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally flat, with a surface elevation of 192 meters above sea level (masl). The topography within the Phase One Study Area generally slopes to the south, towards a tributary of East Sixteen Mile Creek, located approximately 40 m west of the Phase One Property. The nearest body of water is Osprey Marsh, located approximately 20 m east of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 3.66-7.62 meters below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be south towards a tributary of the East Sixteen Mile Creek.

The Site is situated within a beveled till plains physiographic region. The surficial geology within the Phase One Study area is described as “fine-textured glaciolacustrine deposits”. The underlying bedrock is described as “shale, limestone, dolostone, and siltstone of the Queenston Formation”.

Based on a review of MECP well records (well ID 2806566), the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 17.7 to 22.8 mbgs.

4.3.3 Fill Materials

According to the 2008 Shad & Associates Parcel H Geotechnical Report a ploughed/disturbed silty clay fill material extends from 0.9-1.38 mbgs.

4.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was observed on the Property (flooding from recent precipitation events). Three (3) stormwater management ponds were also observed on the Phase One Property. A culvert running south through Parcel J towards the channelized Sixteen Mile Creek was also observed. The nearest body of water to the Phase One Property is the Osprey Marsh, located approximately 20m to the east. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses Environmentally Significant Areas as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

The Osprey Marsh was identified as an Area of Natural Significance, as identified in the City of Mississauga Official Plan. The Osprey Marsh is located approximately 20 metres east of the Phase One Property. Per Section 41.1 (iii) of O.Reg. 153.04 (as amended), a Property is considered to be environmentally sensitive if it is located within 30 metres of an Area of Natural Significance. For the purposes of this Phase One ESA, the Phase One Property is considered to be environmentally sensitive.

4.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. According to the EcoLog ERIS Report, a total of thirteen (13) wells were found on-Site or within the Phase One Study Area. Two (2) monitoring wells, two (2) abandoned water wells, and two (2) domestic wells were identified on the Phase One Property. One (1) abandoned water well and six (6) monitoring wells were identified within the Phase One Study Area.

Additional details regarding the well construction, lithology encountered, and installation date can be found in the Ecolog ERIS report, enclosed under **Appendix C**.

4.4 Site Operating Records

The Property is currently used for agricultural purposes. Based on the records reviewed there is no indication of former commercial or industrial activity on the Property. No operating records were available for review.

5.0 Interviews

5.1 Personnel Interviewed

The following persons with the knowledge of the Property were interviewed or provided the required information.

Table 5-1: Summary of Personnel Interviewed

Parcel	Date	Name	Affiliation	Position	Method of Interview
G	May 8, 2019	Eric Mueller and David Hegarty	Property Owner	Project Manager	Questionnaire
H	May 8, 2019	Eric Mueller and David Hegarty	Property Owner	Project Manager	Questionnaire
I	May 8, 2019	Eric Mueller and David Hegarty	Property Owner	Project Manager	Questionnaire
J	May 8, 2019	Eric Mueller and David Hegarty	Property Owner	Project Manager	Questionnaire

5.2 Interviewee Rationale

Mr. Mueller and Mr. Hegarty are the current owners of the site and are considered the most knowledgeable people regarding the historical site operations. The Phase One Interview was conducted by Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

5.3 Results of Interview

The following summarizes the information that was provided by the site representative, based on their knowledge of site activities.

Parcel G

- Parcel G was acquired by Derry Britannia Developments Limited on December 4, 2018.
- The parcel was previously owned by The Corporation of the City of Mississauga.
- According to the owners, the parcel is used for agricultural purposes.

Parcel H

- Parcel H was acquired by Derry Britannia Developments Limited on May 8, 2017.
- The parcel was previously owned by Vlado and Jagica Flanjak.

- According to the owners, the parcel is currently used for both residential and agricultural purposes.

Parcel I

- Parcel I was acquired by Derry Britannia Developments Limited on December 4, 2018.
- According to the owners, the parcel was previously owned by The Corporation of the City of Mississauga.
- The parcel is currently used for agricultural purposes.

Parcel J

- Parcel J was acquired by Derry Britannia Developments Limited on October 31, 2007.
- According to the owners, the parcel was previously owned by Frank Halk.
- The parcel is currently used for agricultural purposes.

Parcels G, H, I, and J

- Mr. Mueller and Mr. Hegarty had no knowledge of any fuel oil, hazardous materials, chemical spills, water and wastewater services, or underground utilities, used, stored, or present on the Property.
- According to the owners, it is likely that pesticides/herbicides have been applied to the farmed area of the property, the type is unknown.
- No knowledge of fires and fill material were reported by Mr. Mueller and Mr. Hegarty.
- The owners had no knowledge of activities that would affect the environmental quality on the property or those adjoining.

DS compared the information obtained through the Phase One Interview with the information obtained from the historical records for the Site. The information provided by the interviewee was corroborated by the historical records, as such DS has no concern regarding the accuracy of the information provided.

6.0 Site Reconnaissance

6.1 General Requirements

Table 6-1: Site Reconnaissance Notes

Information	Details
Date of Investigation:	May 3, 2019
Time of Investigation:	8:00 am.
Weather Conditions:	9 °C, Overcast
Duration of Investigation:	5 hours
Facility Operation:	Residential/Agricultural

Name and Qualification of Person(s) conducting the assessment	Aphrodite Koseos, B.Sc., EPT.
Limitations	The heavily forested area on the east side of 6168 Ninth Line somewhat hindered investigation. Site Buildings A through C were not entered due to safety concerns associated with the abandoned structures.

6.2 Specific Observations at Phase One Property

The Site Reconnaissance involved a visual assessment of the Phase One Property for the purpose of identifying potential PCAs, and associated APECs. Photographs of the Phase One Property were taken at the time of the Site Reconnaissance, and have been included under Appendix F.

Table 6-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	A single storey abandoned brick house (Site Building A) and two wooden sheds (Site Buildings B and C) were observed on Parcel H. These appear to be the original buildings constructed in 1975.
ii.	Description of the number, age and depth of below-ground structures	A basement is located within Site Building A on Parcel H. No other below-ground structures were observed.
iii.	Details of all tanks, above and below ground at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	No tanks were observed during the site visit; however, vent/fill pipes could be observed on the west side of Site Building A located on Parcel H.
iv.	Potable and non-potable water sources	One potable well was observed on Parcel H adjacent to Site building A, one monitoring well was observed on Parcel I and one observation well was observed on Parcel J. Osprey Marsh was observed directly east of Parcel J. Stormwater management ponds were observed on Parcels I and J. A cement culvert was observed leading to the channelized Sixteen Mile Creek located south of Parcel J.
Underground Utilities and Corridors		
i.	Type and location of underground utility and service corridors, such as sewer, water, electrical or gas lines located on, in or under the Phase One Property.	A septic bed is located on the east side of Parcel H in front of Site Building A. A natural gas meter was located on the north side of Site Building A. The building is powered using overhead hydro, indicated by the power line connected to the roof of Site Building A. Sewers were located along Ninth Line.
Features of Structures and Buildings at the Phase One Property		

i.	Entry and exit points	The site consists mainly of open fields, except for a section on the eastern portion of Parcels I and J. There is also a house and two sheds located on Parcel H. The house contains two entry points while the sheds each contain one.
ii.	Details of existing and former heating systems, including type and fuel source	An 800L AST was used for heating purposes in the basement of 6252 Ninth Line on Parcel H, according to previous reports. Another AST, that has since been removed, was historically located on the western side of the demolished barn located in the middle of Parcel J on 6136 Ninth Line.
iii.	Details of cooling systems, including type and fuel source, if any	None observed.
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	A sump pump was historically located in the basement of the residential dwelling on Parcel J at 636 Ninth Line. A sump pump is anticipated to be in the basement of 6252 Ninth Line, however, entrance into the building was not permitted.
v.	Details of any unidentified substances	None observed.
vi.	Details, including locations of strains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	None observed.
vii.	Details, including locations, of current and former wells, including all wells described or defined in or under the <i>Ontario Water Resources Act</i> and the <i>Oil, Gas and Salt Resources Act</i>	An out-of-service domestic well was located approximately 80m to the north of 6252 Ninth Line. One monitoring well was located within the vicinity of the historical barns located on the southern portion of Parcel I on 6168 Ninth Line. Another monitoring well was located on the southern portion of Parcel J.
viii.	Details of sewage works, including their location	Drains were located along Ninth Line. A septic bed is located on the east side of Parcel H in front of Site Building A.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	The majority of the Phase One Property was covered by grass and trees. Gravel and pavement were observed within the vicinity of Site Building A on Parcel H. Gravel was observed within the vicinity of Site Buildings E and F on Parcel I, and Site Building H on Parcel J.
x.	Details of current or former railway lines or spurs and their locations	None observed.
xi.	Areas of stained soil, vegetation or pavement	None observed.
xii.	Stressed vegetation	None observed.
xiii.	Areas where fill and debris materials appear to have been placed or graded	Fill and debris material were observed within the vicinity of Site Buildings E and F on Parcel I, and Site Buildings G and H on Parcel J.
xiv.	Potentially contaminating activity	None observed.
xv.	Details of any unidentified substances found at the Phase One Property	None observed.
Enhanced Investigation Property		

Where subsection 13(3) applies to the Phase One Property, provide the documentation referred to in subsection 13(3)	<p>In order to be classified as an enhanced investigation property, the Phase One Property must be used or have been used in whole or in part for any of the following uses:</p> <ul style="list-style-type: none"> ◆ Any industrial use ◆ As a garage ◆ As a bulk liquid dispensing facility, including a gasoline outlet ◆ For the operation of dry cleaning equipment <p>There is no indication in the historical records of the Phase One Property being used for any of the aforementioned uses, and as such the Phase One Property is not considered an enhanced investigation property.</p>
Hazardous Materials	
i. Asbestos containing materials	<p>Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. Based on the age of the site building on Parcel H, which was constructed prior to 1980s, there is a potential for asbestos insulation and asbestos-containing construction materials to be present in the site building.</p> <p>Specific materials identified during the site inspection which may potentially contain asbestos include, pipe insulation, boiler jacket, stucco walls, vinyl or linoleum floor tiles, etc.</p>
ii. Lead containing materials	<p>The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. Based on the age of the building, built in approximately 1975, there is not a potential for lead solder and paint to be present in the site building.</p>
iii. PCB materials and equipment	<p>Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. The Property was constructed prior to the 1980s.</p>
iv. Urea Formaldehyde Foam Insulation (UFFI)	<p>Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. No record of UFFI was available for the subject building. Entry into the building was not permitted, however, the potential for UFFI is expected to be low.</p>
v. Ozone Depleting Substances (ODS)	<p>None observed.</p>
vi. Herbicides and Pesticides	<p>During the site inspection no material containing herbicides or pesticides were observed to be stored at the building, however, entry into the buildings on-Site was not permitted.</p>
vii. Mould	<p>Mould could be present in the buildings on-Site, however, entry into the building was not permitted. The investigation, did not include a mould testing.</p>

viii. Mercury	Based on the age of the building, there is potential for mercury to be present in fluorescent lights. Mercury with small quantity could be present inside the electrical switches or thermostats, however, entry into the building was not permitted.
ix. acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	These items were not observed at the Property. The presence of the special attention items in building/construction materials were investigated through observations made by DS and does not necessarily imply adverse impact to the environmental condition of the property.
x. Pits and Lagoons	A pond was observed behind the residential building.
xi. Air Emissions	Non observed.
xii. Radioactive Materials & Radon Gas	None observed.

6.3 Written Description of Investigation

The site reconnaissance included a visual inspection of the Phase One Property to confirm current conditions and identify any current land uses or activities, which may have or may cause environmental impacts. The adjoining and neighbouring properties were observed from the Phase One Property and publicly accessible areas.

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily (residential, commercial, industrial, parkland, etc.), as described in the table below:

Table 6-3: Summary of Site Reconnaissance Observations within Phase One Study Area

Observation	Details
Phase One Property	The Phase One Property was occupied by one residential building (Site Building A) and two sheds (Site Buildings B and C) on Parcel H and a partially demolished barn (Site Building H) in the middle of Parcel J, at the time of Site Reconnaissance. The orientation of the Site Buildings is depicted on Figure 2.
North Adjacent Property	The north adjacent Property was occupied by a residential property at the time of the site reconnaissance and was used for residential purposes.
East Adjacent Property	The east adjacent Property was occupied by Osprey Marsh and a residential subdivision at the time of site reconnaissance.
South Adjacent Property	The south adjacent property was occupied by the channelized tributary of the East Sixteen Mile Creek.
West Adjacent Property	The west adjacent Property was occupied by highway 407 at the time of site reconnaissance and was used for transportation purposes.
Water Bodies	Three storm water management ponds and a water culvert were located on the property. Osprey Marsh is located 20m east of Parcel J and a tributary of the East Sixteen Mile Creek was channelized immediately south of the Phase One Property.

Observation	Details
Areas of Natural Significance	Osprey Marsh located 20m east of Parcel J was the only area of natural significance identified.

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix F. A summary of the potentially contaminating activities observed is provided in Section 7.2. A visual depiction of the PCAs identified within the Phase One Study Area is provided under Figure 3B.

7.0 Review and Evaluation of Information

7.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, chain of title, city directories and conversations with the site representative. Summary of Current and Past Uses of the Phase One Property is presented in the **Appendix G**.

7.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may contributing to areas of potential environmental concern on the Phase One Property. The PCAs identified on the Phase One Property and within the Phase One Study Area are summarized in the table below, and are illustrated on Figure 3B.

Table 7-1: Summary of PCAs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
1	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage	The interviews indicated that pesticides may have been used on the properties when they were used for agricultural purposes.	Yes – APEC-1
2	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage	An orchard was previously present on a southern portion of Parcel J, as identified in the 1880 County Atlas.	Yes – APEC-7
2	PCA-28: Gasoline and associated products storage in fixed tanks	An 800L AST was identified by the 2008 Terrapex Phase I ESA for Parcel H.	Yes – APEC-2
3	PCA-28: Gasoline and associated products storage in fixed tanks	A historical AST was identified by the 2011 AME Phase I ESA on Parcel J.	Yes – APEC-3
4	PCA-28: Gasoline and associated products storage in fixed tanks	Six (6) ASTs were identified in the previous reports on 6314 and 6302 Ninth Line approximately 45m north of the Phase One Property.	No – Due to the distance and orientation

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
5	PCA-30: Importation of Fill Material of Unknown Quality	The 2018 Shad & Associates Parcel I Geotechnical Report identified fill material 0.7-0.9 mbgs. Fill material was observed in the vicinity of the Site Buildings E and F on Parcel I, during the site reconnaissance.	Yes – APEC-4
6	PCA-30: Importation of Fill Material of Unknown Quality	Fill material is anticipated within the footprint of the previous residential dwelling (Site Building D) identified in the aerials on Parcel I.	Yes – APEC-5
7	PCA-30: Importation of Fill Material of Unknown Quality	Fill material is anticipated in the recently demolished residential building (Site Building G) on Parcel J.	Yes – APEC-6
8	PCA-30: Importation of Fill Material of Unknown Quality	Fill material is anticipated in the partially demolished bar (Site Building H) on Parcel J.	Yes – APEC-8
9	PCA-58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Salid Investments on 6314 Ninth Line approximately 100m north of the Phase One Property was listed as a generator of waste oils and lubricants in 1989 and from 1992 to 1998, as identified by the EcoLog ERIS Report.	No – Due to the distance and orientation

N/S - not specified in Table 2, Schedule D, of O.Reg. 153/04

7.3 Areas of Potential Environmental Concern

The table of APECs presented in the form as approved by the Director is provided below, in accordance with clause 16(2)(a), Schedule D, O.Reg. 153/04.

Table 7-2: Summary of PCAs Contributing to APECs

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Entire Property	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage - pesticides may have been used on the properties when they were used for agricultural purposes	On-Site	OC Pesticides	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-2	Eastern Portion of Parcel H	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - An 800L AST was identified by the 2008 Terrapex Phase I ESA for Parcel H.	On-Site	PHCs F1-F4, BTEX, PAHs	Soil
				PHCs F1-F4, BTEX	Groundwater
APEC-3	Middle Portion of Parcel J	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - A historical AST was identified by the 2011 AME Phase I ESA on Parcel J.	On-Site	PHCs F1-F4, BTEX, PAHs	Soil
				PHCs F1-F4, BTEX	Groundwater
APEC-4	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material was observed in the vicinity of the Site Buildings E and F on Parcel I, during the site reconnaissance.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR,	Soil
APEC-5	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated within the footprint of the previous residential dwelling (Site Building D) identified in the aerials on Parcel I.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR,	Soil
APEC-6	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the recently demolished residential building (Site Building G) on Parcel J.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-7	Southern Portion of Parcel J	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage -Lead and arsenic based pesticides and/or OC pesticides been used liberally on the former orchard.	On-Site	OC Pesticides, Metals, As, Sb, Se	Soil
APEC-8	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the partially demolished bar (Site Building H) on Parcel J.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil

The rationale used by the QP in assessing the information obtained through the course of this investigation to determine whether PCAs exist and/or are contributing to an APEC on the Phase One Property has been provided in the proceeding sections. In general the potential for a PCA to be contributing to an APEC on the Phase One Property was assessed using the likelihood of the source to contaminate the Phase One Property, the possibility of the contaminants to migrate to the Phase One Property based on the hydraulic and geologic conditions, and the inherent properties of the contaminants of concern.

The contaminants of potential concern were determined based on the professional experience of the QP, common industry standards, literature reviews, and the inherent properties of the contaminant.

This investigation was conducted based on the assumption that all information provided to DS was factual and accurate. DS is not aware of any uncertainty factors which would affect the conclusions of this investigation.

7.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at Part of Lot 7, Concession 9, 6252, 6168, and 6136 Ninth Line, Mississauga, Ontario. The Phase One Conceptual Site Model is presented in Drawings 3A, 3B, and 4 and visually depict the following:

- ◆ Any existing buildings and structures
- ◆ Water bodies located in whole, or in part, on the Phase One Study Area
- ◆ Areas of natural significance located in whole, or in part, on the Phase One Study Area
- ◆ Water wells at the Phase One Property or within the Phase One Study Area
- ◆ Roads, including names, within the Phase One Study Area
- ◆ Uses of properties adjacent to the Phase One Property
- ◆ Areas where any PCAs have occurred, including location of any tanks
- ◆ Areas of Potential Environmental Concern

7.4.1 Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 3B, and discussed in Section 7.2 above. The PCAs which are considered to contribute to APECs on, in or under the Phase One Property are summarized in the table below:

Table 7-3: Summary of PCAs Contributing to APECs

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Entire Property	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage - pesticides may have been used on the properties when they were used for agricultural purposes	On-Site	OC Pesticides	Soil
APEC-2	Eastern Portion of Parcel H	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - An 800L AST was identified by the 2008 Terrapex Phase I ESA for Parcel H.	On-Site	PHCs F1-F4, BTEX, PAHs	Soil
				PHCs F1-F4, BTEX	Groundwater
APEC-3	Middle Portion of Parcel J	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - A historical AST was identified by the 2011 AME Phase I ESA on Parcel J.	On-Site	PHCs F1-F4, BTEX, PAHs	Soil
				PHCs F1-F4, BTEX	Groundwater
APEC-4	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material was observed in the vicinity of the Site Buildings E and F	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR,	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
		on Parcel I, during the site reconnaissance.			
APEC-5	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated within the footprint of the previous residential dwelling (Site Building D) identified in the aerals on Parcel I.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR,	Soil
APEC-6	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the recently demolished residential building (Site Building G) on Parcel J.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil
APEC-7	Southern Portion of Parcel J	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage -Lead and arsenic based pesticides and/or OC pesticides been used liberally on the former orchard.	On-Site	OC Pesticides, Metals, As, Sb, Se	Soil
APEC-8	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the partially demolished bar (Site Building H) on Parcel J.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil

N/S - not specified in Table 2, Schedule D, of O.Reg. 153/04

7.4.2 Contaminants of Potential Concern

A summary of the contaminants of potential concern identified for each respective APEC is presented in Table 7-1 above. The following contaminants of potential concern were identified for the Phase

One Property: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs, OC Pesticides.

7.4.1 Underground Utilities and Contaminant Distribution and Transport

Underground utilities can affect contaminant distribution and transport. Trenches excavated to install utility services, and the associated granular backfill may provide preferential pathways for horizontal contaminant migration in the shallow subsurface.

Site Buildings A, B and C were the only structures present on the Phase One Property. Underground utilities including water, sewer services and natural gas are anticipated to service Site Building A (currently vacant). Plans were not available to confirm the depths or presence of utilities leading to Site Building A. Site Buildings B and C are storage sheds and are not anticipated to be serviced with utilities.

Utility corridors are not expected to act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property, due to the limited utilities present on the property. However, as groundwater is located approximately 1.3-4.2 mbgs on Parcel H, they may act as preferential pathways for contaminant distribution and transport.

7.4.2 Geological and Hydrogeological Information

The topography of the Phase One Property is generally flat, with a surface elevation of 192 meters above sea level (masl). The topography within the Phase One Study Area generally slopes to the south, towards a tributary of East Sixteen Mile Creek, located approximately 40 m west of the Phase One Property. The nearest body of water is Osprey Marsh, located approximately 20 m east of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 3.66-7.62 meters below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be south towards a tributary of the East Sixteen Mile Creek.

The Site is situated within a beveled till plains physiographic region. The surficial geology within the Phase One Study area is described as “fine-textured glaciolacustrine deposits”. The underlying bedrock is described as “shale, limestone, dolostone, and siltstone of the Queenston Formation”. Based on a review of MECP well records (well ID 2806566), the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 17.7 to 22.8 mbgs.

7.4.3 Uncertainty and Absence of Information

DS has relied upon information obtained from federal, provincial, municipal, and private databases, in addition to records and summaries provided by EcoLog ERIS. All information obtained was

reviewed and assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion of this report. This report reflects the best judgement of DS based on the information available at the time of the investigation.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

The QP has determined that the uncertainty dose not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

8.0 Conclusions

8.1 Phase Two Environmental Site Assessment Requirement

DS conducted a Phase One ESA for the property located at Part of Lot 7, Concession 9, 6252, 6168, and 6136 Ninth Line, Mississauga, Ontario. The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA was to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

Based on the information obtained as part of this investigation, it is concluded that eight (8) PCAs were identified within the Phase One Study Area which are considered to be contributing to six (6) APECs on, in or under the Phase One Property. Further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

8.2 RSC Based on Phase One Environmental Site Assessment

Record of Site Condition cannot be filed on the basis of the Phase One ESA due to the identification of Areas of Potential Environmental Concern on the Phase One Property.

8.3 Limitations

This report was prepared for the sole use of Derry Britannia Developments Limited and is intended to provide an assessment of the environmental condition on the property located at Part of Lot 7, Concession 9, 6252, 6168, and 6136 Ninth Line, Mississauga, Ontario. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by DS Consultants Ltd. The material in this report reflects DS' judgment in light of

the information available at the time of report preparation. This report may not be relied upon by any other person or entity without the written authorization of DS Consultants Ltd. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this documents or findings, conclusions and recommendations represented herein, is at the sole risk of said users.

The information and conclusions presented in this report are professional opinions in accordance with generally accepted engineering and scientific practices based on a cursory historical search, visual observations and limited information provided by persons knowledgeable about past and current activities on this site. The work completed as per the scope of work is considered sufficient in detail to form a reasonable basis for the findings presented in this report. As such, DS Consultants Ltd. cannot be held responsible for environmental conditions at the site that was not apparent from the available information.

8.4 Qualifications of the Assessors

Ms. Aphrodite Koseos, B.Sc., EPT.

Ms. Koseos is an Environmental Technician with DS Consultants Ltd. Aphrodite holds a Bachelor of Science Degree from Simon Fraser University with a major in Environmental Science and a specialization in Earth Systems. Aphrodite is also registered as an environmental professional in training with ECO Canada. Aphrodite has had several years of experience in the environmental sector conducting Phase One and Phase Two Environmental Site Assessments.

Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP_{ESA}

Mr. Fioravanti an Environmental Project Manager with DS Consultants Limited. Patrick holds a Honours Bachelor of Science with distinction in Toxicology from the University of Guelph and is a practicing member of the Association of Professional Geoscientists of Ontario (APGO). Patrick has over seven years of environmental consulting experience and has conducted and/or managed over 100 projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

8.5 Signatures

DS Consultants Ltd. conducted this Phase One Environmental Site Assessment and confirms the findings and conclusions contained within this report.

Yours truly,

DS Consultants Ltd.



Aphrodite Koseos, B.Sc., EPT.
Environmental Technician



Rick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Environmental Project Manager

9.0 References

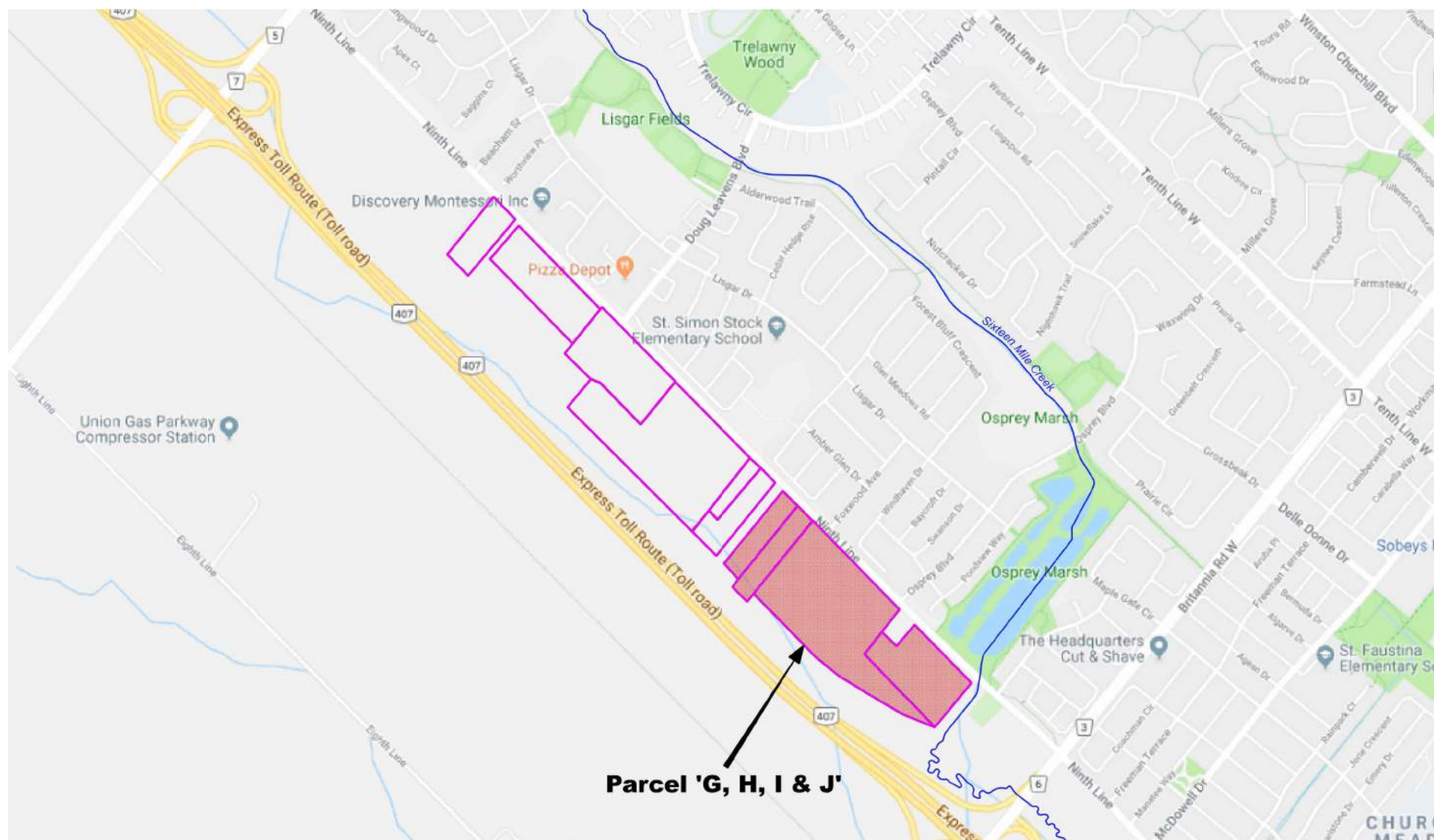
- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toporama <http://atlas.gc.ca/toporama/en/index.html>
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network
<https://www.hwin.ca/hwin/>
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry
<https://www.ontario.ca/page/ministry-environment-and-climate-change>
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plant Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- City of Mississauga Online Mapping Database
<http://www6.mississauga.ca/missmaps/maps.aspx>
- City of Mississauga Official Plans
- Waste Disposal Site Inventory, 1991
- Ministry of Environment, Conservation and Parks-Freedom of Information
- Technical Standards and Safety Authority – Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps, aerial photos and Ontario Base Map
- City Directories from 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (Ecolog ERIS Report)
- *“Phase I Environmental Site Assessment Part of Lot 7, Concession, Milton, Ontario”*, prepared for Derry Britannia Development Limited, prepared by Pinchin Environmental, dated October 2, 2008 (Pinchin Phase I ESA 2008);
- *“Preliminary Geotechnical Investigation Report, Property P457, Milton, Ontario”*, prepared for Derry Britannia Development Limited c/o Mattamy Development Corporation, prepared by

Shad & Associates Inc., dated October 6, 2008 (Shad & Associates Parcel G Geotechnical Report 2008);

- *“Phase I Environmental Site Assessment 6252 Ninth Line, Milton, Ontario”*, prepared for Mattamy Development Corporation c/o Shad & Associates Inc., prepared by Terrapex Environmental Ltd., dated June 2008 (Terrapex Phase I ESA 2008);
- *“Preliminary Geotechnical Investigation Report, 6252 Ninth Line, Milton, Ontario”*, prepared for Mattamy Development Corporation, prepared by Shad & Associates Inc., dated October 6, 2008 (Shad & Associates Parcel H Geotechnical Report 2008);
- *“Phase I Environmental Site Assessment 6168 Ninth Line, Mississauga, Ontario”*, prepared for Mattamy Development Corporation c/o Shad & Associates Inc., prepared by Pinchin Environmental, dated March 28, 2018 (Pinchin Phase I ESA 2018);
- *“Preliminary Geotechnical Investigation Report, 6168 Ninth Line, Mississauga, Ontario”*, prepared for Mattamy Development Corporation, prepared by Shad & Associates Inc., dated April 6, 2018 (Shad & Associates Parcel I Geotechnical Report 2018);
- *“Phase I Environmental Site Assessment, 6136 Ninth Line, Milton, Ontario”*, prepared for Mattamy Homes Limited, prepared by AME, dated April 27, 2011 (AME Phase I ESA 2011);
- *“Preliminary Geotechnical Investigation Proposed Residential Development Nunan/Halk Property, 6136 Ninth Line, Milton, Ontario”*, prepared for Mattamy Homes Limited (Peel Division), prepared by AMEC Earth & Environmental, dated May 26, 2006 (AMEC Geotechnical Report 2006);
- *“Phase I Environmental Site Assessment, 6302 Ninth Line, Mississauga, Ontario”*, prepared for Mattamy Development Corporation c/o Shad & Associates Inc., prepared by Pinchin, dated April 15, 2015 (Pinchin 2015 Phase I ESA); and
- *“Phase I Environmental Site Assessment, 6314 Ninth Line, Mississauga, Ontario”*, prepared for Mattamy Homes, prepared by Sirati and Partners Consultants Limited (SPCL), dated January 25, 2017 (SPCL 2017 Phase I ESA).

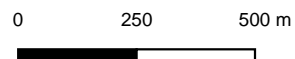


Figures



Legend

- Site Boundary
- Parcel 'G, H, I & J' Boundary



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Client:
DERRY BRITANNIA DEVELOPMENTS LTD.

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
Part of Lot 7, Concession 9, 6252, 6168 & 6136 Ninth Line, Mississauga

Title: **SITE LOCATION PLAN**



Size: 8.5 x 11	Approved By: R.F	Drawn By: S.Y	Date: May 2019
Rev: 0	Scale: As Shown	Project No.: 18-692-100	Figure No.: 1
Image/Map Source: Google Street Map			



Legend

- Parcels 'G, H, I & J' Boundary
- Demolished Site Building
- Existing Site Building
- Partially Demolished Site Building



DS CONSULTANTS LTD.
 6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K8
 Telephone: (905) 264-9393
www.dsconsultants.ca

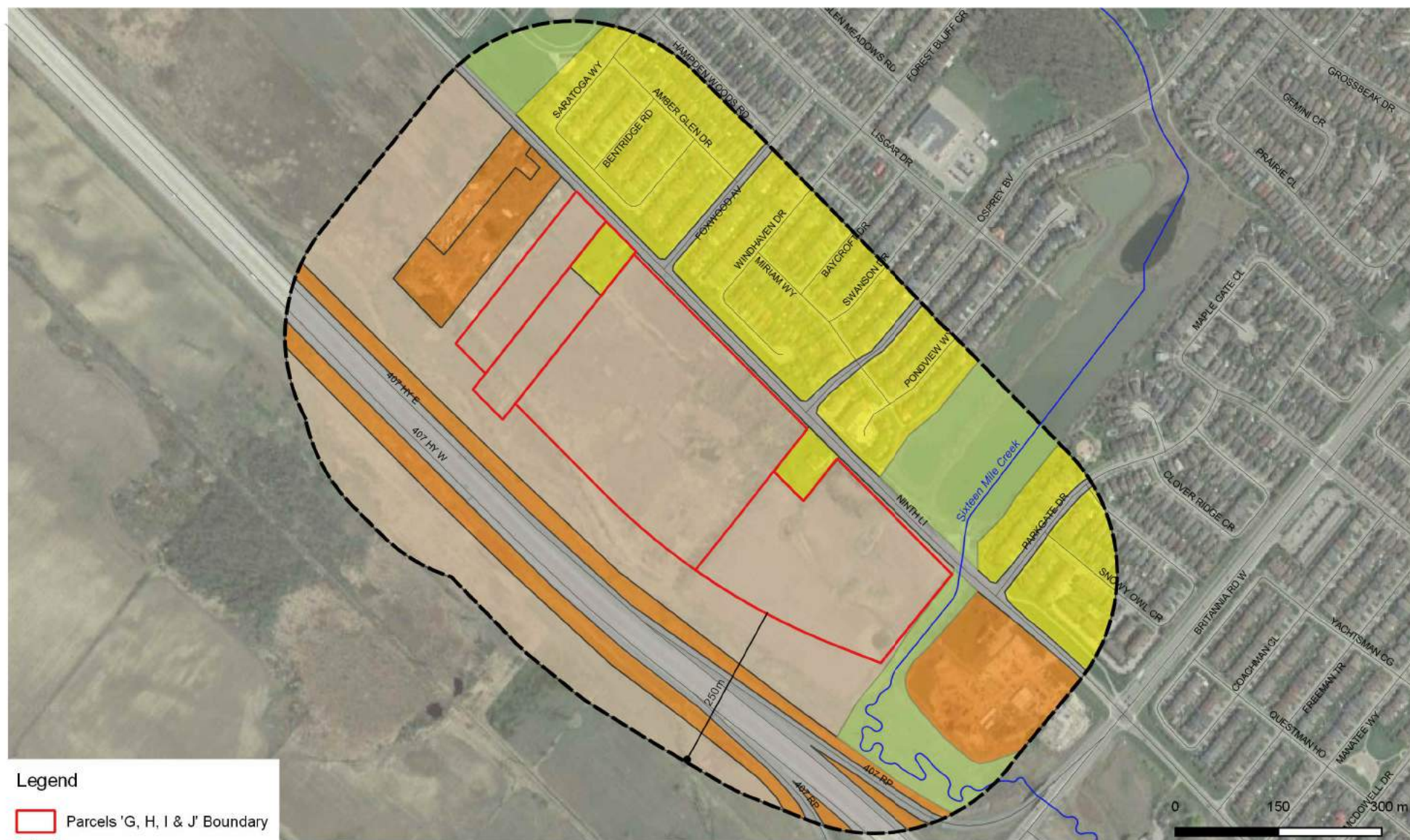
Client:
DERRY BRITANNIA DEVELOPMENTS LTD.

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
 Part of Lot 7, Concession 9, 6252, 6168 & 6136 Ninth Line, Mississauga

Title: **PHASE ONE PROPERTY SITE PLAN**



Size: 8.5 x 11	Approved By: R.F	Drawn By: S.Y	Date: May 2019
Rev: 0	Scale: As Shown	Project No.: 18-692-100	Figure No.: 2
Image/Map Source: Google Satellite Image			



Legend

- Parcels 'G, H, I & J' Boundary
- 250m Buffer
- Residential
- Commercial
- Agricultural
- Parkland



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Vaughan, Ontario L4H 0K8
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Client:
DERRY BRITANNIA DEVELOPMENTS LTD.

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
Part of Lot 7, Concession 9, 6252, 6168 & 6136 Ninth Line, Mississauga

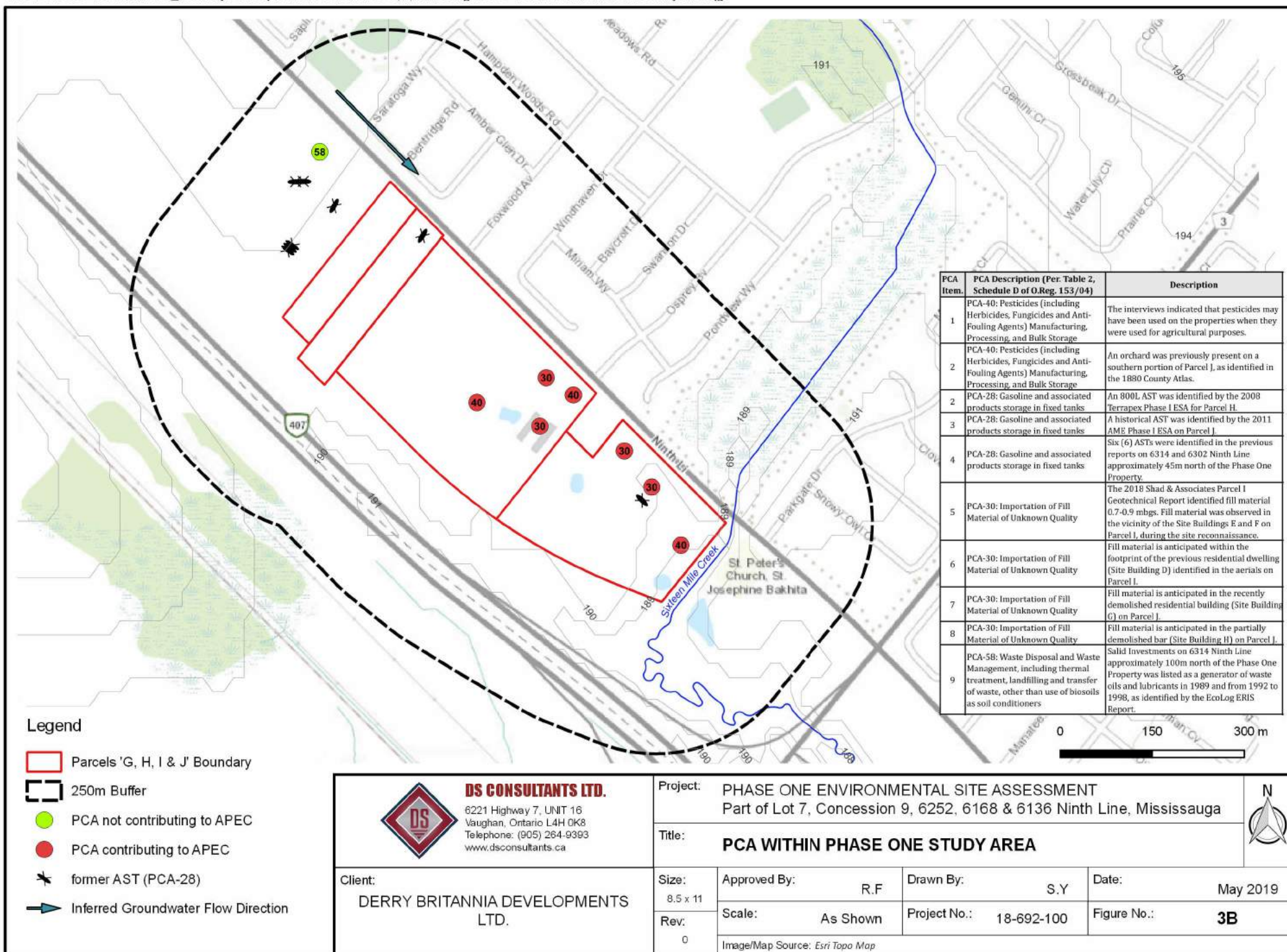
Title: **PHASE ONE STUDY AREA**

Size: 8.5 x 11
Approved By: R.F.
Drawn By: S.Y.
Date: May 2019

Rev: 0
Scale: As Shown
Project No.: 18-692-100
Figure No.: **3A**

Image/Map Source: Google Street Map







Legend

- Parcels 'G, H, I & J' Boundary
- APEC-1
- APEC-2
- APEC-3
- APEC-4
- APEC-5
- APEC-6
- APEC-7
- APEC-8
- Former AST (PCA-28)



Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity
APEC-1	Entire Property	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage - pesticides may have been used on the properties when they were used for agricultural purposes
APEC-2	Eastern Portion of Parcel H	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - An 800L AST was identified by the 2008 Terrapex Phase I ESA for Parcel H.
APEC-3	Middle Portion of Parcel J	PCA-28: Gasoline and Associated Products Storage in Fixed Tanks - A historical AST was identified by the 2011 AME Phase I ESA on Parcel J.
APEC-4	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material was observed in the vicinity of the Site Buildings E and F on Parcel I, during the site reconnaissance.
APEC-5	Southeastern Portion of Parcel I	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated within the footprint of the previous residential dwelling (Site Building D) identified in the aerials on Parcel I.
APEC-6	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the recently demolished residential building (Site Building G) on Parcel J.
APEC-7	Southern Portion of Parcel J	PCA-40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, and Bulk Storage - Lead and arsenic based pesticides and/or OC pesticides been used liberally on the former orchard.
APEC-8	Northeastern Portion of Parcel J	PCA-30: Importation of Fill Material of Unknown Quality - Fill material is anticipated in the partially demolished bar (Site Building II) on Parcel J.



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Client:
DERRY BRITANNIA DEVELOPMENTS LTD.

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
Part of Lot 7, Concession 9, 6252, 6168 & 6136 Ninth Line, Mississauga

Title: **AREAS OF POTENTIAL ENVIRONMENTAL CONCERNS**

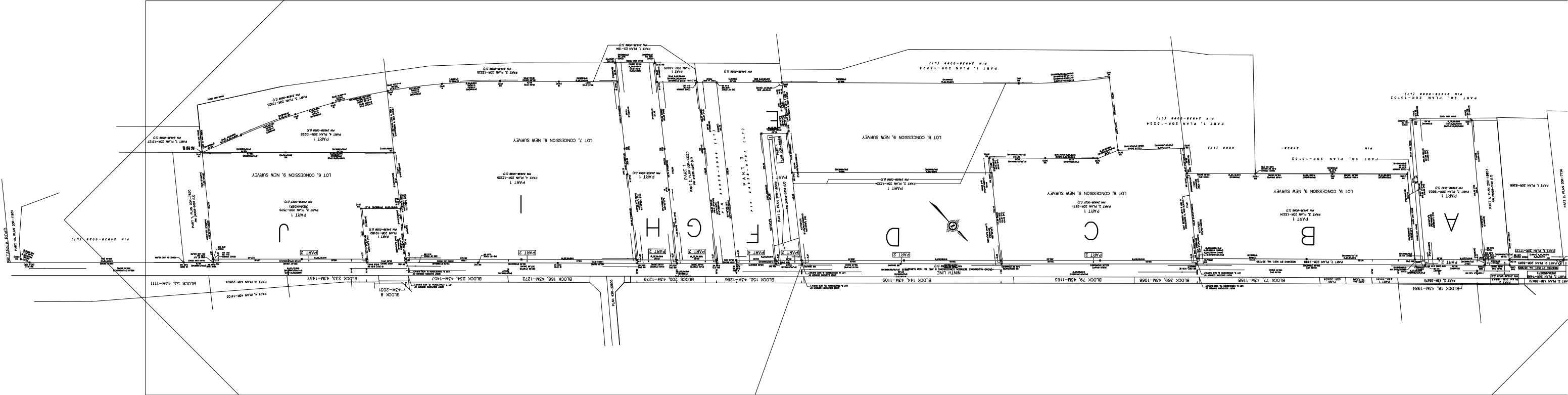


Size: 8.5 x 11	Approved By: R.F	Drawn By: S.Y	Date: May 2019
Rev: 0	Scale: As Shown	Project No.: 18-692-100	Figure No.: 4
Image/Map Source: Google Satellite Image			



Appendix A

CONCESSION 9, NEW SURVEY, SF=1.0003051





Appendix B



Summary of City Directory Search

Address	Location Relative to Phase One Property	Listing	Year(s)	Inferred Property Use
Ninth Line				
6252	Phase One Property (Parcel H)	Residential	1975-1983, 1992-1998	Residential
6168	Phase One Property (South Portion of Parcel I)	Residential	1971-1974	Residential
		Windermere Stables	1975	Agricultural
		Not Listed	1977-1983	Vacant
		Residential	1984-1989	Residential
		Not Listed	1990-1992	Vacant
		Vacant	1994-1995	Vacant
6314	90m North of Parcel G	Residential	1972-1998	Residential
6302	30m North of Parcel G	Residential	1979-1983	Residential
		Residential/Maple Hill Tree Services	1984-1998	Residential/Commercial Arborist
6000	50m South of Parcel J	Langholm Nurseries and Garden Centre	1989-1998	Commercial Garden
		Mario Landscapes Ltd.	1989-1990	Commercial Landscapers
Osprey Boulevard				
5950-5873	50m East of Parcel I	Various Residential Tenants	1990-1998	Residential
Parkgate Drive				
3933-3982	70m Southeast of Parcel J	Various Residential Tenants	1997-1998	Residential
Snowy Owl Crescent				
6041-6158	145m Southeast of Parcel J	Various Residential Tennant	1995-1998	Residential



Appendix C



DATABASE REPORT

Project Property:	<i>Derry/Britannia Lands - Ninth Line Ninth Line Mississauga ON</i>
Project No:	<i>18-692-100</i>
Report Type:	<i>RSC Report - Quote</i>
Order No:	<i>20190418182</i>
Requested by:	<i>Ds Consultants Ltd.</i>
Date Completed:	<i>May 7, 2019</i>

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Executive Summary

Property Information:

Project Property: *Derry/Britannia Lands - Ninth Line
Ninth Line Mississauga ON*

Project No: *18-692-100*

Order Information:

Order No: *20190418182*
Date Requested: *April 18, 2019*
Requested by: *Ds Consultants Ltd.*
Report Type: *RSC Report - Quote*

Historical/Products:

ERIS Xplorer [*ERIS Xplorer*](#)
Topographic Map *Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	5	5
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	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
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	3	5	8
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 TSSA Expired 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
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	2	2
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
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	10	10
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	1	0	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	6	7	13
Total:			10	30	40

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	WWIS		lot 7 con 9 ON Well ID: 2806566	-/0.0	0.00	<u>19</u>
<u>1</u>	WWIS		lot 7 con 9 ON Well ID: 2806542	-/0.0	0.00	<u>22</u>
<u>2</u>	EHS		6288 Ninth Line Milton ON	-/0.0	0.00	<u>26</u>
<u>3</u>	EHS		6252 Ninth Line Milton ON	-/0.0	0.00	<u>26</u>
<u>4</u>	WWIS		MISSISSAUGA ON Well ID: 7261806	-/0.0	0.00	<u>26</u>
<u>5</u>	WWIS		Milton ON Well ID: 7171567	-/0.0	0.00	<u>29</u>
<u>6</u>	WWIS		lot 6 con 9 ON Well ID: 7226048	-/0.0	-0.76	<u>31</u>
<u>7</u>	WWIS		Milton ON Well ID: 7171566	-/0.0	0.00	<u>32</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>8</u>	RSC	Derry Britannia Developments Limited	No Municipal Address Available MILTON ON	-/0.0	0.00	<u>35</u>
<u>9</u>	EHS		6168 9 Line Mississauga ON L5N0C1	-/0.0	0.00	<u>36</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	WWIS		Milton ON Well ID: 7106332	NNW/2.1	0.00	36
11	WWIS		MISSISSAUGA ON Well ID: 7261807	SE/2.6	-2.00	39
12	EHS		6136 9th Line Milton ON	ESE/3.0	0.00	42
13	CA	996075 ONTARIO INC.	FOXWOOD AVE/NINTH LINE/LISGAR MISSISSAUGA CITY ON	N/12.9	0.00	42
13	CA	996075 ONTARIO INC.	FOXWOOD AVE/NINTH LINE/LISGAR MISSISSAUGA CITY ON	N/12.9	0.00	42
14	EHS		6302 9 Line Mississauga ON L5N0C1	NW/54.8	0.54	43
14	PES	1230723 ONTARIO INC O/A MAPLE HILL TREE SERVICES	6302 9TH LINE RR 2 HORNBY ON L0P 1E0	NW/54.8	0.54	43
14	PES	MAPLE HILL TREE SERVICES	6302 9TH LINE, R.R. #2 HORNBY ON L9T 3G2	NW/54.8	0.54	43
15	WWIS		Mississauga ON Well ID: 7288985	ENE/71.9	0.00	43
15	WWIS		Mississauga ON Well ID: 7234101	ENE/71.9	0.00	45
16	CA	FANSHAW ESTATES INC.	PARKGATE DR./NINTH LINE MISSISSAUGA CITY ON	ESE/72.7	1.00	48
16	CA	FANSHAW ESTATES INC.	PARKGATE DR./NINTH LINE MISSISSAUGA CITY ON	ESE/72.7	1.00	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	CA	THIRD TERRAGAR HOLDINGS LIMITED	NINTH LINE/PARKGATE DR. MISSISSAUGA CITY ON	ESE/72.7	1.00	48
17	WWIS		Mississauga ON Well ID: 7283293	NW/97.8	1.00	49
18	WWIS		Mississauga ON Well ID: 7283292	NW/106.5	1.00	51
19	EHS		6314 Ninth Line Mississauga ON	NW/111.4	1.00	53
19	GEN	SALID INVESTMENTS LTD. 36-656	6314 NINTH LINE HORNBY ON L0P 1E0	NW/111.4	1.00	54
19	GEN	SALID INVESTMENTS LTD.	6314 NINTH LINE HORNBY ON L0P 1E0	NW/111.4	1.00	54
20	WWIS		Mississauga ON Well ID: 7283291	NW/128.1	1.00	54
21	PES	ROACH REMOVER INC.	3952 BENTRIDGE RD MISSISSAUGA ON L5N 7V8	N/156.0	0.00	57
22	EHS		6056 9 Line Mississauga ON	ESE/165.0	0.00	57
23	EHS		6302 ninth line Milton ON	NNW/177.9	1.00	57
24	PES	LANGHOLM NURSERIES & GARDEN CENTRE	6000 9TH LINE, R.R. #2 HORNBY ON L9T 2X5	SE/193.9	-0.81	57
24	PES	SID'S PONDS & GARDENSCAPES INC	6000 NINTH LINE HORNBY ON L0P 1E0	SE/193.9	-0.81	58
24	PES	SID'S PONDS & GARDEN SCAPES INC	6000 NINTH LINE MISSISSAUGA ON L5N0C1	SE/193.9	-0.81	58

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>25</u>	PES	LANDMARK LANDSCAPING INC.	6143 SNOWY OWL CRESCENT MISSISSAUGA ON L5N 7B5	ESE/268.0	1.00	<u>58</u>
<u>26</u>	PES	CENTRAL PEST CONTROL ONTARIO INC	6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N7V3	N/287.5	0.00	<u>59</u>
<u>26</u>	PES	CENTRAL PEST CONTROL ONTARIO INC	6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N 7V3	N/287.5	0.00	<u>59</u>
<u>26</u>	PES	CENTRAL PEST CONTROL ONTARIO INC	6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N7V3	N/287.5	0.00	<u>59</u>
<u>27</u>	SPL		6148 snowy owl crescent Mississauga ON	E/292.7	1.00	<u>60</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
996075 ONTARIO INC.	FOXWOOD AVE/NINTH LINE/LISGAR MISSISSAUGA CITY ON	12.9	<u>13</u>
996075 ONTARIO INC.	FOXWOOD AVE/NINTH LINE/LISGAR MISSISSAUGA CITY ON	12.9	<u>13</u>
FANSHAW ESTATES INC.	PARKGATE DR./NINTH LINE MISSISSAUGA CITY ON	72.7	<u>16</u>
FANSHAW ESTATES INC.	PARKGATE DR./NINTH LINE MISSISSAUGA CITY ON	72.7	<u>16</u>
THIRD TERRAGAR HOLDINGS LIMITED	NINTH LINE/PARKGATE DR. MISSISSAUGA CITY ON	72.7	<u>16</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 8 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	6288 Ninth Line Milton ON	0.0	<u>2</u>
	6252 Ninth Line Milton ON	0.0	<u>3</u>
	6168 9 Line Mississauga ON L5N0C1	0.0	<u>9</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	6136 9th Line milton ON	3.0	12
	6302 9 Line Mississauga ON L5N0C1	54.8	14
	6314 Ninth Line Mississauga ON	111.4	19
	6056 9 Line Mississauga ON	165.0	22
	6302 ninth line Milton ON	177.9	23

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Dec 31, 2018 has found that there are 2 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SALID INVESTMENTS LTD. 36-656	6314 NINETH LINE HORNBY ON L0P 1E0	111.4	19
SALID INVESTMENTS LTD.	6314 NINETH LINE HORNBY ON L0P 1E0	111.4	19

PES - Pesticide Register

A search of the PES database, dated 1988-Sep 2018 has found that there are 10 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAPLE HILL TREE SERVICES	6302 9TH LINE, R.R. #2 HORNBY ON L9T 3G2	54.8	14

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
1230723 ONTARIO INC O/A MAPLE HILL TREE SERVICES	6302 9TH LINE RR 2 HORNBY ON L0P 1E0	54.8	<u>14</u>
ROACH REMOVER INC.	3952 BENTRIDGE RD MISSISSAUGA ON L5N 7V8	156.0	<u>21</u>
SID'S PONDS & GARDEN SCAPES INC	6000 NINTH LINE MISSISSAUGA ON L5N0C1	193.9	<u>24</u>
SID'S PONDS & GARDENSCAPES INC	6000 NINTH LINE HORNBY ON L0P 1E0	193.9	<u>24</u>
LANGHOLM NURSERIES & GARDEN CENTRE	6000 9TH LINE, R.R. #2 HORNBY ON L9T 2X5	193.9	<u>24</u>
LANDMARK LANDSCAPING INC.	6143 SNOWY OWL CRESCENT MISSISSAUGA ON L5N 7B5	268.0	<u>25</u>
CENTRAL PEST CONTROL ONTARIO INC	6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N7V3	287.5	<u>26</u>
CENTRAL PEST CONTROL ONTARIO INC	6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N 7V3	287.5	<u>26</u>
CENTRAL PEST CONTROL ONTARIO INC	6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N7V3	287.5	<u>26</u>

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2019 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Derry Britannia Developments Limited	No Municipal Address Available MILTON ON	0.0	<u>8</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

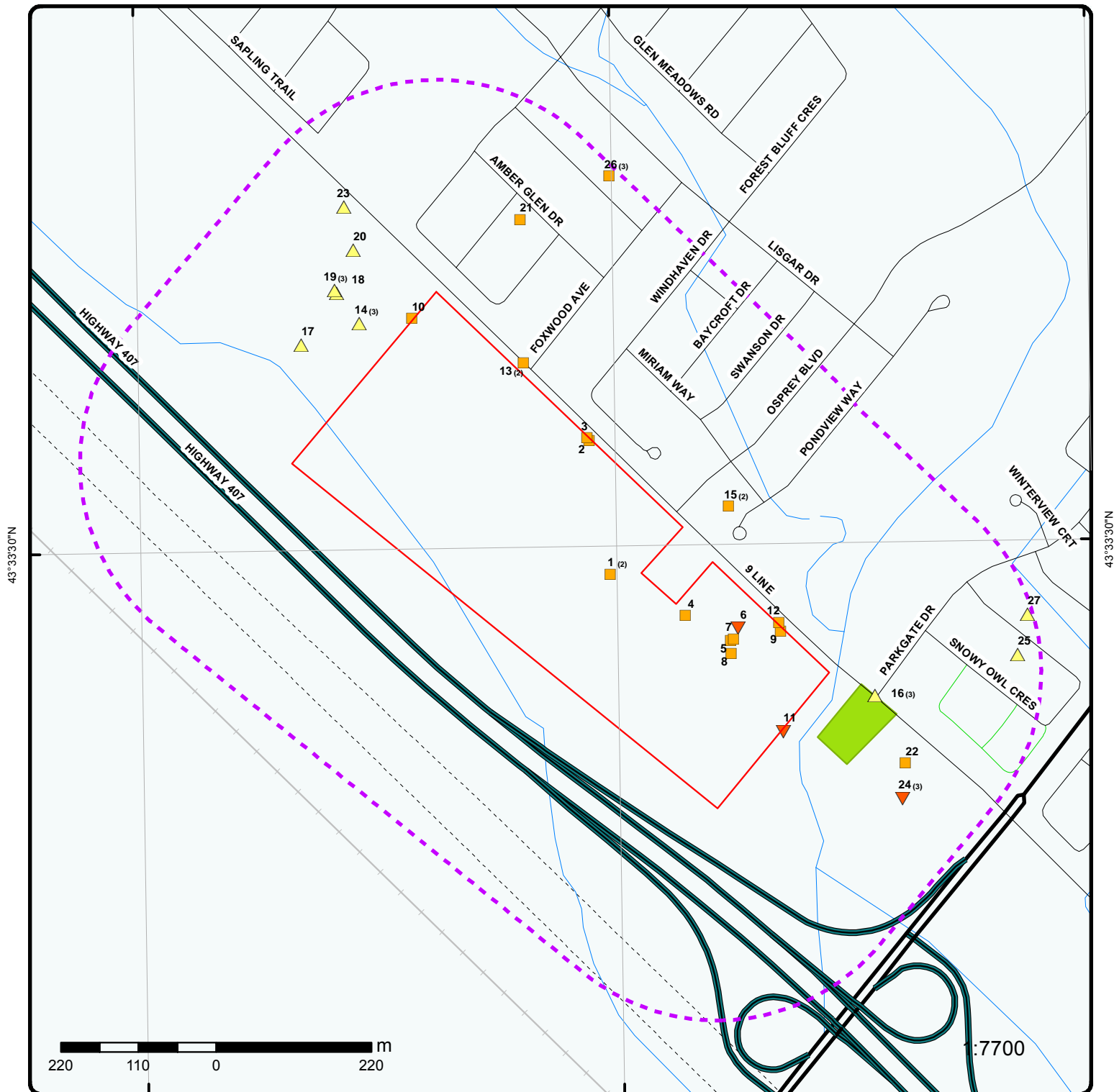
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	6148 snowy owl crescent Mississauga ON	292.7	<u>27</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 13 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 7 con 9 ON <i>Well ID: 2806542</i>	0.0	<u>1</u>
	lot 7 con 9 ON <i>Well ID: 2806566</i>	0.0	<u>1</u>
	MISSISSAUGA ON <i>Well ID: 7261806</i>	0.0	<u>4</u>
	Milton ON <i>Well ID: 7171567</i>	0.0	<u>5</u>
	lot 6 con 9 ON <i>Well ID: 7226048</i>	0.0	<u>6</u>
	Milton ON <i>Well ID: 7171566</i>	0.0	<u>7</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Milton ON <i>Well ID: 7106332</i>	2.1	<u>10</u>
	MISSISSAUGA ON <i>Well ID: 7261807</i>	2.6	<u>11</u>
	Mississauga ON <i>Well ID: 7234101</i>	71.9	<u>15</u>
	Mississauga ON <i>Well ID: 7288985</i>	71.9	<u>15</u>
	Mississauga ON <i>Well ID: 7283293</i>	97.8	<u>17</u>
	Mississauga ON <i>Well ID: 7283292</i>	106.5	<u>18</u>
	Mississauga ON <i>Well ID: 7283291</i>	128.1	<u>20</u>



Map : 0.3 Kilometer Radius

Order No: 20190418182

Address: Ninth Line, Mississauga, ON

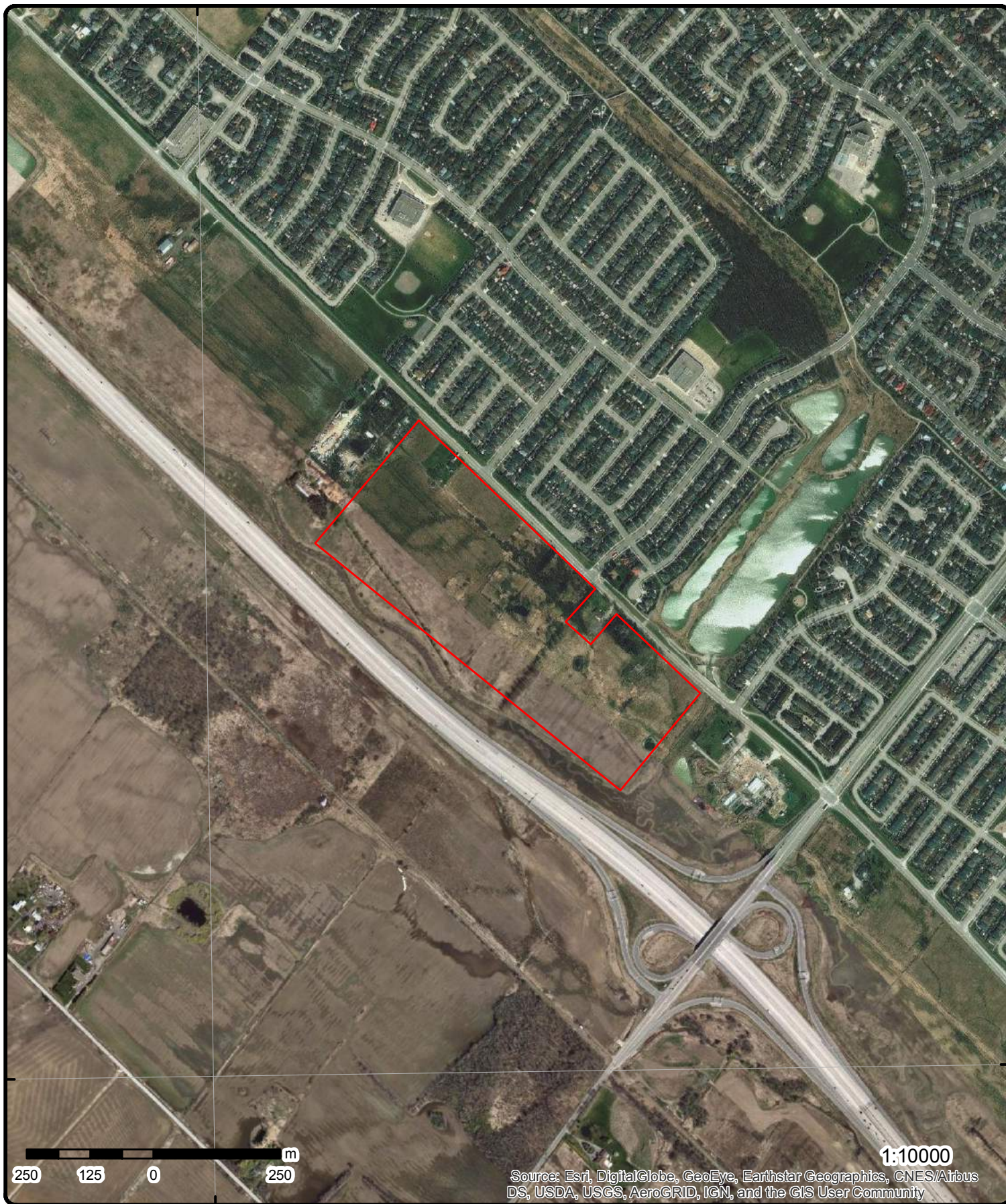


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

79°46'30"W

43°33'N

43°33'N



1:10000

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

Aerial (2013)

Address: Ninth Line, Mississauga, ON

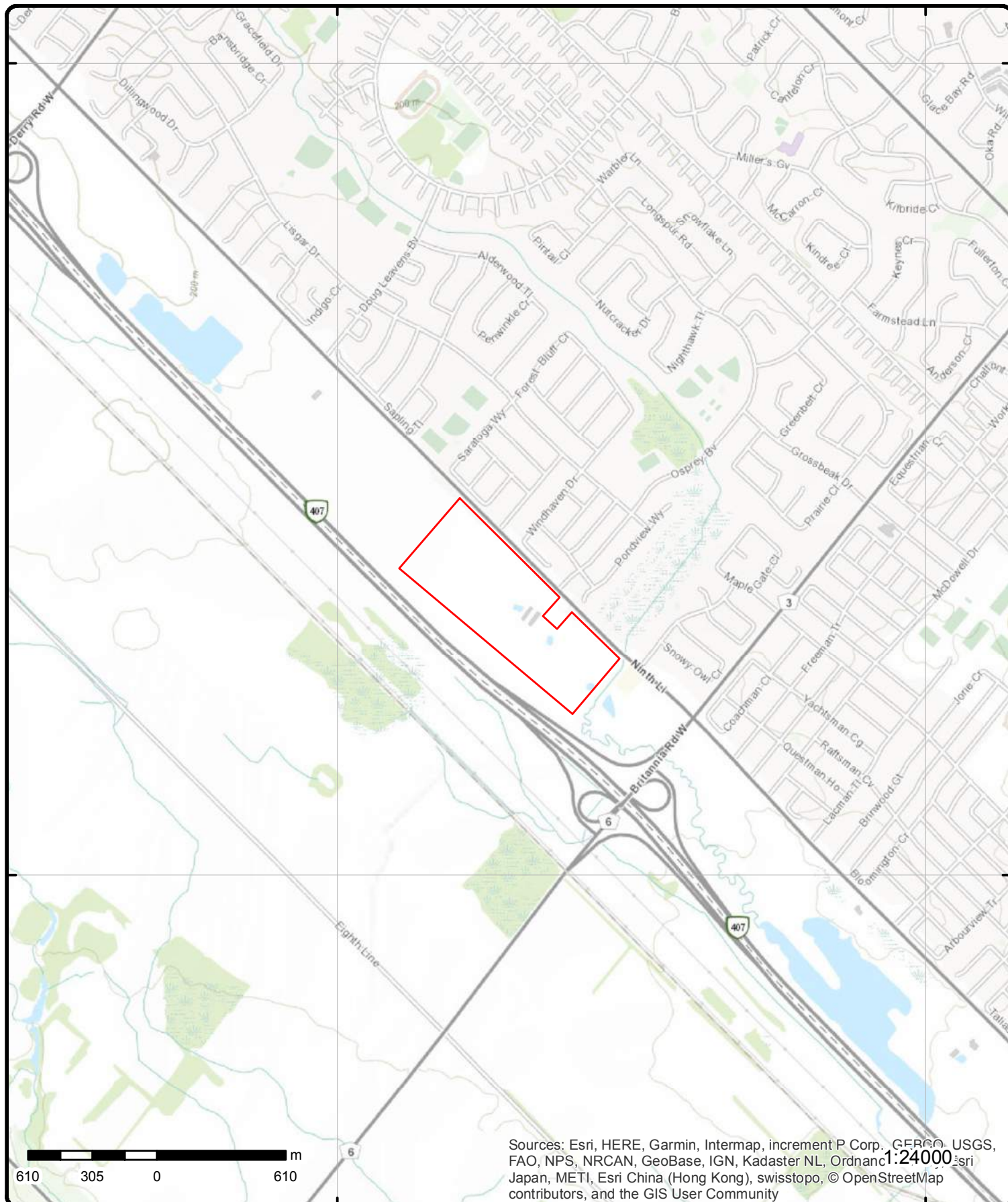
Source: ESRI World Imagery

Order No: 20190418182

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



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Topographic Map

Address: Ninth Line, Mississauga, ON

Source: ESRI World Topographic Map

Order No: 20190418182



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	-/0.0	189.9 / 0.00	lot 7 con 9 ON	WWIS
<div> <div> Well ID: 2806566 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: NA 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 2/27/1987 Selected Flag: Yes Abandonment Rec: Contractor: 4005 Form Version: 1 Owner: Street Name: County: HALTON Municipality: MILTON TOWN (TRAFALGAR) Site Info: Lot: 007 Concession: 09 Concession Name: NS Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10152835 DP2BR: 58 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 11-FEB-87 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 190.15 Elevrc: Zone: 17 East83: 599600.1 North83: 4823519 Org CS: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: gps </div> </div>					
<u>Overburden and Bedrock Materials Interval</u>					
<div> Formation ID: 931443379 Layer: 1 Color: 7 General Color: RED Mat1: 05 Most Common Material: CLAY Mat2: 29 Other Materials: FINE GRAVEL </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		51			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931443380			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		51			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931443381			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		58			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962806566			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10701405			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930259883			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		59			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930259884			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992806566			
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		74			
Recommended Pump Depth:		73			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934176147			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		74			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934450205			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		74			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934717717			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		74			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934970339					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 74					
Test Level UOM: ft					
Water Details					
Water ID: 933609890					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 59					
Water Found Depth UOM: ft					
1	2 of 2	-/0.0	189.9 / 0.00	lot 7 con 9 ON	WWIS
Well ID: 2806542					
Construction Date:					
Primary Water Use: Livestock					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: 00320					
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:					
Bore Hole Information					
Bore Hole ID: 10152811					
DP2BR:					
Spatial Status:					
Code OB: o					
Code OB Desc: Overburden					
Open Hole:					
Cluster Kind:					
Date Completed: 29-NOV-86					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock Materials Interval					
Elevation: 190.15					
Elevrc:					
Zone: 17					
East83: 599600.1					
North83: 4823519					
Org CS:					
UTMRC: 3					
UTMRC Desc: margin of error : 10 - 30 m					
Location Method: gps					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		931443279			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Other Materials:		SANDY			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		6			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931443280			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Other Materials:		SANDY			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		18			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931443282			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		29			
Other Materials:		FINE GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		31			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931443283			
Layer:		6			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		36			
Formation End Depth:		37			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931443281			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		31			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931443278			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962806542			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10701381			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930259838			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992806542			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		35			
Recommended Pump Depth:		35			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934717702			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		12			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934176128			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		12			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934450190			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		12			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934970324			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		12			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933609859			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	-0.0	189.9 / 0.00	6288 Ninth Line Milton ON	EHS
Order No: 20080501016 Status: C Report Type: Complete Report Report Date: 5/12/2008 Date Received: 5/1/2008 Previous Site Name: Lot/Building Size: 12448 m2 Additional Info Ordered: Fire Insur. Maps And /or Site Plans; Title Search; Aerials Photos; City Directory					
Nearest Intersection: Foxwood Ave and 9 th line Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -79.767157 Y: 43.559681					
3	1 of 1	-0.0	189.9 / 0.00	6252 Ninth Line Milton ON	EHS
Order No: 20080501017 Status: C Report Type: Complete Report Report Date: 5/12/2008 Date Received: 5/1/2008 Previous Site Name: Lot/Building Size: 19096 m2 Additional Info Ordered: Fire Insur. Maps And /or Site Plans; Title Search					
Nearest Intersection: Foxwood Ave and Ninth Line Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -79.767188 Y: 43.559721					
4	1 of 1	-0.0	189.9 / 0.00	MISSISSAUGA ON	WWIS
Well ID: 7261806 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z207338 Tag: A181665 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 4/25/2016 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: NINTH LINE County: HALTON Municipality: MILTON TOWN (TRAFALGAR) Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1005937021 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 29-MAR-16 Remarks:					
Elevation: 189.69 Elevrc: Zone: 17 East83: 599707 North83: 4823460 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006040047			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006040048			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		08			
Other Materials:		FINE SAND			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		1			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006040056			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006040057			
Layer:		2			
Plug From:		1			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006040058			
Layer:		3			
Plug From:		18			
Plug To:		25			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006040055			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006040046			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006040051			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006040052			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Water Details</u>					
Water ID:		1006040050			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006040049			
Diameter:		8			
Depth From:		0			
Depth To:		25			
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		inch			
5	1 of 1	-0.0	189.9 / 0.00	Milton ON	WWIS
Well ID: 7171567		Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use:		Date Received: 11/14/2011			
Sec. Water Use:		Selected Flag: Yes			
Final Well Status: Abandoned-Other		Abandonment Rec: Yes			
Water Type:		Contractor: 3349			
Casing Material:		Form Version: 7			
Audit No: Z138122		Owner:			
Tag:		Street Name: 6136 9TH LINE			
Construction		County: HALTON			
Method:		Municipality: MILTON TOWN (TRAFALGAR)			
Elevation (m):		Site Info:			
Elevation Reliability:		Lot:			
Depth to Bedrock:		Concession:			
Well Depth:		Concession Name:			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Flowing (Y/N):		UTM Reliability:			
Flow Rate:					
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1003606045		Elevation: 190.14			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 17			
Code OB:		East83: 599771			
Code OB Desc:		North83: 4823425			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 3			
Date Completed: 30-SEP-11		UTMRC Desc: margin of error : 10 - 30 m			
Remarks:		Location Method: wwr			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1004057339					
Layer: 1					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth:					
Formation End Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004057347			
Layer:		2			
Plug From:		6			
Plug To:		5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004057346			
Layer:		1			
Plug From:		7			
Plug To:		6			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004057348			
Layer:		3			
Plug From:		5			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004057345			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004057337			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004057342			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		-1			
Depth To:		.9144			
Casing Diameter:		91.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1004057343			
Layer:		2			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		.9144			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Depth To:		7			
Casing Diameter:		91.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004057344			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1004057338			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
 <u>Water Details</u>					
Water ID:		1004057341			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004057340			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
<u>6</u>	1 of 1	-/0.0	189.1 / -0.76	lot 6 con 9 ON	WWIS
Well ID:	7226048			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/26/2014
Sec. Water Use:				Selected Flag:	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7147
Casing Material:				Form Version:	8
Audit No:	C25088			Owner:	
Tag:				Street Name:	
Construction				County:	HALTON
Method:				Municipality:	MILTON TOWN (TRAFALGAR)
Elevation (m):				Site Info:	
Elevation Reliability:				Lot:	006
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	NS
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Flowing (Y/N):				UTM Reliability:	
Flow Rate:					
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1005100149			Elevation:	190.09
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	599781
Code OB Desc:				North83:	4823442
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	07-AUG-14			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:					

7	1 of 1	-/0.0	189.9 / 0.00	Milton ON	WWIS
<hr/>					
Well ID:	7171566			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	11/14/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	3349
Casing Material:				Form Version:	7
Audit No:	Z138121			Owner:	
Tag:				Street Name:	6136 9TH LINE
Construction				County:	HALTON
Method:				Municipality:	MILTON TOWN (TRAFALGAR)
Elevation (m):				Site Info:	
Elevation Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Flowing (Y/N):				UTM Reliability:	
Flow Rate:					
Clear/Cloudy:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	1003606043			Elevation:	190.14
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	599775
Code OB Desc:				North83:	4823427
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	30-SEP-11			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004057302				
Layer:	1				
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:					
Formation End Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1004057311				
Layer:	4				
Plug From:	4				
Plug To:	3.5				
Plug Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1004057312				
Layer:	5				
Plug From:	3.5				
Plug To:	0				
Plug Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1004057309				
Layer:	2				
Plug From:	10				
Plug To:	9				
Plug Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1004057310			
Layer:		3			
Plug From:		9			
Plug To:		4			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004057308			
Layer:		1			
Plug From:		12			
Plug To:		10			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004057307			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004057300			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004057305			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		-.5			
Depth To:		12			
Casing Diameter:		91.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004057306			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004057301			
Pump Set At:					
Static Level:					
Final Level After Pumping:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: m Rate UOM: LPM Water State After Test Code: 0 Water State After Test: Pumping Test Method: 0 Pumping Duration HR: Pumping Duration MIN: Flowing:					
<u>Water Details</u>					
Water ID:		1004057304			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004057303			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
8	1 of 1	-/0.0	189.9 / 0.00	Derry Britannia Developments Limited No Municipal Address Available MILTON ON	RSC
RSC ID:	112527			Cert Date: 27-Apr-11	
RA No:				Cert Prop Use No: No CPU	
RSC Type:				Intended Prop Use: Residential	
Curr Property Use:	Agriculture/Other			Qual Person Name: Frank Doracin	
Ministry District:	MILTON			Stratified (Y/N):	
Filing Date:	16-Jun-11			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N): Yes	
Date Returned:				Accuracy Estimate: 2 to 5 meters	
Restoration Type:				Telephone: 905-8292424	
Soil Type:				Fax: 905-8297610	
Criteria:				Email: frank.doracin@mattamycorp.ca	
CPU Issued Sect 1686:	No				
Asmt Roll No:					
Prop ID No:	24938 - 0027 LT				
Property Municipal Address:	No Municipal Address Available				
Mailing Address:	Suite 100, 2360 BRISTOL CIR, OAKVILLE, ON, L6H 6M5				
Latitude & Latitude:	43.55694440N 79.76472220W				
UTM Coordinates:	NAD83 17-599772-4823407 (converted from Latitude & Longitude)				
Consultant:					
Filing Owner:					
Legal Desc:	PT LT 6, CON 9 TRAFALGAR NEW SURVEY, PART 2, 20R7570, EXCEPT PT 1, 20R10482; MILTON/TRAFALGAR				
Measurement Method:	Global Positioning System				
Applicable Standards:	ESA Phase 1				
RSC PDF:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	-0.0	189.9 / 0.00	6168 9 Line Mississauga ON L5N0C1	EHS
Order No: 20180313048		Nearest Intersection:			
Status: C		Municipality:			
Report Type: Standard Report		Client Prov/State: ON			
Report Date: 16-MAR-18		Search Radius (km): .25			
Date Received: 13-MAR-18		X: -79.763852			
Previous Site Name:		Y: 43.557217			
Lot/Building Size:					
Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
10	1 of 1	NNW/2.1	189.9 / 0.00	Milton ON	WWIS
Well ID: 7106332		Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use: Test Hole		Date Received: 6/12/2008			
Sec. Water Use:		Selected Flag: Yes			
Final Well Status: Test Hole		Abandonment Rec:			
Water Type:		Contractor: 6988			
Casing Material:		Form Version: 4			
Audit No: Z77211		Owner:			
Tag: A064008		Street Name: 6288 NINTH LINE			
Construction Method:		County: HALTON			
Elevation (m):		Municipality: MILTON TOWN (MILTON)			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:			
Well Depth:		Concession:			
Overburden/Bedrock:		Concession Name:			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1001613897		Elevation: 190.9			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 17			
Code OB:		East83: 599320			
Code OB Desc:		North83: 4823881			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 3			
Date Completed: 27-MAY-08		UTMRC Desc: margin of error : 10 - 30 m			
Remarks:		Location Method: wwr			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1001676825					
Layer: 5					
Color: 2					
General Color: GREY					
Mat1: 28					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.7			
Formation End Depth:		4.9			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001676823			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		1.8			
Formation End Depth:		3.9			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001676824			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		3.9			
Formation End Depth:		4.7			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001676821			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		0			
Formation End Depth:		.6			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		1001676826			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.9			
Formation End Depth:		6			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001676822			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		.6			
Formation End Depth:		1.8			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001676828			
Layer:		1			
Plug From:		0			
Plug To:		1.2			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1001676833			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		AUGER			
 <u>Pipe Information</u>					
Pipe ID:		1001676820			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1001676830			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		1.2			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001676831			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1001676829			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001676827			
Diameter:		10.2			
Depth From:					
Depth To:		6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>11</u>	1 of 1	SE/2.6	187.9 / -2.00	MISSISSAUGA ON	WWIS
Well ID:		7261807		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received:	4/25/2016
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Monitoring and Test Hole		Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:		Z207339		Owner:	
Tag:		A181664		Street Name:	NINTH LINE
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	MILTON TOWN (TRAFALGAR)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1005937024			Elevation:	188.26
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	599845
Code OB Desc:				North83:	4823296
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	29-MAR-16			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:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006040072
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 06
 Most Common Material: SILT
 Mat2: 08
 Other Materials: FINE SAND
 Mat3: 85
 Other Materials: SOFT
 Formation Top Depth: 1
 Formation End Depth: 19
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006040071
 Layer: 1
 Color: 8
 General Color: BLACK
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Other Materials:
 Mat3: 85
 Other Materials: SOFT
 Formation Top Depth: 0
 Formation End Depth: 1
 Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1006040081
 Layer: 2
 Plug From: 1
 Plug To: 12
 Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006040080			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006040082			
Layer:		3			
Plug From:		12			
Plug To:		19			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006040079			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006040070			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006040075			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		14			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006040076			
Layer:		1			
Slot:		10			
Screen Top Depth:		14			
Screen End Depth:		19			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Water Details</u>					
Water ID:		1006040074			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006040073			
Diameter:		8			
Depth From:		0			
Depth To:		19			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
12	1 of 1	ESE/3.0	189.9 / 0.00	6136 9th Line milton ON	EHS
Order No:	20060419028			Nearest Intersection:	9th Line and Britannia Road West
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	4/28/2006			Search Radius (km):	0.25
Date Received:	4/19/2006			X:	-79.763877
Previous Site Name:				Y:	43.557329
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
13	1 of 2	N/12.9	189.9 / 0.00	996075 ONTARIO INC. FOXWOOD AVE/NINTH LINE/LISGAR MISSISSAUGA CITY ON	CA
Certificate #:	7-1051-97-				
Application Year:	97				
Issue Date:	10/14/1997				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
13	2 of 2	N/12.9	189.9 / 0.00	996075 ONTARIO INC. FOXWOOD AVE/NINTH LINE/LISGAR MISSISSAUGA CITY ON	CA
Certificate #:	3-1427-97-				
Application Year:	97				
Issue Date:	10/14/1997				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 3	NW/54.8	190.4 / 0.54	6302 9 Line Mississauga ON L5N0C1	EHS
Order No: 20150408024 Status: C Report Type: Custom Report Report Date: 09-APR-15 Date Received: 08-APR-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.771156 Y: 43.561218			
14	2 of 3	NW/54.8	190.4 / 0.54	1230723 ONTARIO INC O/A MAPLE HILL TREE SERVICES 6302 9TH LINE RR 2 HORNBY ON L0P 1E0	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: 02 Licence Type: Operator Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:			
14	3 of 3	NW/54.8	190.4 / 0.54	MAPLE HILL TREE SERVICES 6302 9TH LINE, R.R. #2 HORNBY ON L9T 3G2	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: Licence Type: Operator Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:		Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:			
15	1 of 2	ENE/71.9	189.9 / 0.00	Mississauga ON	WWIS
Well ID: 7288985 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Abandoned-Other Water Type: Casing Material:		Data Entry Status: Data Src: Date Received: 6/23/2017 Selected Flag: Yes Abandonment Rec: Yes Contractor: 6988 Form Version: 7			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:	Z256836			Owner:	
Tag:	A138559			Street Name:	6155 NINTH LINE
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	MISSISSAUGA CITY (TRAFALGAR)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006564741			Elevation:	190.44
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	599768
Code OB Desc:				North83:	4823615
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	16-MAY-17			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006784292				
Layer:					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006784298				
Layer:	1				
Plug From:	0				
Plug To:	5				
Plug Depth UOM:	m				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	1006784297				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code: Method Construction: Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006784291			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006784295			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006784296			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1006784294			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006784293			
Diameter:		10.2			
Depth From:		0			
Depth To:		5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
15	2 of 2	ENE/71.9	189.9 / 0.00	Mississauga ON	WWIS
Well ID:	7234101			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	12/22/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type: Casing Material: Audit No: Z199438 Tag: A138559 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Contractor: 6988 Form Version: 7 Owner: Street Name: 6155 NINTH LINE County: PEEL Municipality: MISSISSAUGA CITY (TRAFALGAR) Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1005263656 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 23-APR-14 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 190.44 Elevrc: Zone: 17 East83: 599768 North83: 4823615 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1005448798 Layer: 2 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: 34 Other Materials: TILL Mat3: 84 Other Materials: SILTY Formation Top Depth: 3 Formation End Depth: 5 Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1005448797 Layer: 1 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: 28 Other Materials: SAND Mat3: 84					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Other Materials:		SILTY			
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005448805			
Layer:		1			
Plug From:		.1			
Plug To:		2.7			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1005448804			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1005448796			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1005448801			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.5			
Casing Diameter:		5.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1005448802			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.5			
Screen End Depth:		5			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6			
 <u>Water Details</u>					
Water ID:		1005448800			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		2.1			
Water Found Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1005448799			
Diameter:		10			
Depth From:		0			
Depth To:		5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
16	1 of 3	ESE/72.7	190.9 / 1.00	FANSHAW ESTATES INC. PARKGATE DR./NINTH LINE MISSISSAUGA CITY ON	CA
Certificate #:		7-1184-92-			
Application Year:		92			
Issue Date:		12/14/1992			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
16	2 of 3	ESE/72.7	190.9 / 1.00	FANSHAW ESTATES INC. PARKGATE DR./NINTH LINE MISSISSAUGA CITY ON	CA
Certificate #:		3-1543-92-			
Application Year:		92			
Issue Date:		12/14/1992			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
16	3 of 3	ESE/72.7	190.9 / 1.00	THIRD TERRAGAR HOLDINGS LIMITED NINTH LINE/PARKGATE DR. MISSISSAUGA CITY ON	CA
Certificate #:		7-0695-96-			
Application Year:		96			
Issue Date:		7/30/1996			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminants: Emission Control:					
17	1 of 1	NW/97.8	190.9 / 1.00	Mississauga ON	WWIS
<div> <div> Well ID: 7283293 Construction Date: Primary Water Use: Monitoring Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z252630 Tag: A214715 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: </div> <div> Data Entry Status: Data Src: Date Received: 3/15/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7472 Form Version: 7 Owner: Street Name: 6314 NINTH LINE County: HALTON Municipality: MILTON TOWN (TRAFALGAR) Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 1006367635 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10-JAN-17 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 191.47 Elevrc: Zone: 17 East83: 599163 North83: 4823843 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 1006598148 Layer: 1 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 06 Other Materials: SILT Mat3: 79 Other Materials: PACKED Formation Top Depth: 0 Formation End Depth: 10 Formation End Depth UOM: ft </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006598149			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		10			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006598156			
Layer:		1			
Plug From:		0			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006598157			
Layer:		2			
Plug From:		14			
Plug To:		25			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006598155			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006598147			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006598152			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		15			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1006598153			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.5			
<u>Water Details</u>					
Water ID:		1006598151			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006598150			
Diameter:		7.5			
Depth From:		0			
Depth To:		25			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
18	1 of 1	NW/106.5	190.9 / 1.00	Mississauga ON	WWIS
Well ID:	7283292			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	3/15/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7472
Casing Material:				Form Version:	7
Audit No:	Z252629			Owner:	
Tag:	A214716			Street Name:	6314 NINTH LINE
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	MILTON TOWN (TRAFALGAR)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006367632			Elevation:	191.03
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	599213
Code OB Desc:				North83:	4823916

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:			Org CS:	UTM83	
Cluster Kind:			UTMRC:	4	
Date Completed: 10-JAN-17			UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:			Location Method:	wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006598138		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			34		
Most Common Material:			TILL		
Mat2:					
Other Materials:					
Mat3:			66		
Other Materials:			DENSE		
Formation Top Depth:			10		
Formation End Depth:			25		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006598137		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			06		
Other Materials:			SILT		
Mat3:			79		
Other Materials:			PACKED		
Formation Top Depth:			0		
Formation End Depth:			10		
Formation End Depth UOM:			ft		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1006598146		
Layer:			2		
Plug From:			14		
Plug To:			25		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1006598145		
Layer:			1		
Plug From:			0		
Plug To:			14		
Plug Depth UOM:			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006598144			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006598136			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006598141			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		15			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006598142			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.5			
<u>Water Details</u>					
Water ID:		1006598140			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006598139			
Diameter:		7.5			
Depth From:		0			
Depth To:		25			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
19	1 of 3	NW/111.4	190.9 / 1.00	6314 Ninth Line Mississauga ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20161216067 Status: C Report Type: Custom Report Report Date: 21-DEC-16 Date Received: 16-DEC-16 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.771578 Y: 43.561643					
19	2 of 3	NW/111.4	190.9 / 1.00	SALID INVESTMENTS LTD. 36-656 6314 NINETH LINE HORNBY ON L0P 1E0	GEN
Generator No: ON1262600 Status: Approval Years: 92,93,94,95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 4214 SIC Description: EXCAVAT. & GRADING					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details-- Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
19	3 of 3	NW/111.4	190.9 / 1.00	SALID INVESTMENTS LTD. 6314 NINETH LINE HORNBY ON L0P 1E0	GEN
Generator No: ON1262600 Status: Approval Years: 89 Contam. Facility: MHSW Facility: SIC Code: 4214 SIC Description: EXCAVAT. & GRADING					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
--Details-- Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS					
20	1 of 1	NW/128.1	190.9 / 1.00	Mississauga ON	WWIS
Well ID: 7283291 Construction Date: Primary Water Use: Monitoring Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z252628 Tag: A214717 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth:					
Data Entry Status: Data Src: Date Received: 3/15/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7472 Form Version: 7 Owner: Street Name: 6314 NINTH LINE County: HALTON Municipality: MILTON TOWN (TRAFALGAR) Site Info: Lot: Concession:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1006367629			Elevation:	191.4
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	599237
Code OB Desc:				North83:	4823978
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10-JAN-17			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006598126				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:	79				
Other Materials:	PACKED				
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006598127				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	34				
Most Common Material:	TILL				
Mat2:					
Other Materials:					
Mat3:	66				
Other Materials:	DENSE				
Formation Top Depth:	10				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006598135			
Layer:		2			
Plug From:		14			
Plug To:		25			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006598134			
Layer:		1			
Plug From:		0			
Plug To:		14			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006598133			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006598125			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006598130			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		15			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006598131			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.5			
<u>Water Details</u>					
Water ID:		1006598129			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006598128			
Diameter:		7.5			
Depth From:		0			
Depth To:		25			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
21	1 of 1	N/156.0	189.9 / 0.00	ROACH REMOVER INC. 3952 BENTRIDGE RD MISSISSAUGA ON L5N 7V8	PES
Billing No:				Op Municipality:	
Trade Name:				Operator Region:	
Licence No:				Operator District:	
Detail Licence No:				Operator County:	
Licence Type Code:				Oper Area Code:	
Licence Type:	Operator			Oper Phone No:	
Licence Class:				Operator Ext:	
Licence Control:				Region:	
Operator No:				County:	
Operator Class:				District:	
Operator Type:				Lot:	
Operator Lot:				Concession:	
Oper Concession:				Post Office Box:	
Operator Box:				Report Source:	
22	1 of 1	ESE/165.0	189.9 / 0.00	6056 9 Line Mississauga ON	EHS
Order No:	20121108026			Nearest Intersection:	
Status:	C			Municipality:	Peel
Report Type:	Standard Select Report			Client Prov/State:	ON
Report Date:	19-NOV-12			Search Radius (km):	.25
Date Received:	08-NOV-12			X:	-79.761698
Previous Site Name:				Y:	43.55551
Lot/Building Size:	4856.4				
Additional Info Ordered:	Title Searches; City Directory				
23	1 of 1	NNW/177.9	190.9 / 1.00	6302 ninth line Milton ON	EHS
Order No:	20080819055			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	8/28/2008			Search Radius (km):	0.25
Date Received:	8/19/2008			X:	-79.771396
Previous Site Name:				Y:	43.562707
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans				
24	1 of 3	SE/193.9	189.0 / -0.81	LANGHOLM NURSERIES & GARDEN CENTRE 6000 9TH LINE, R.R. #2 HORNBY ON L9T 2X5	PES
Billing No:				Op Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Trade Name: Licence No: Detail Licence No: Licence Type Code: Licence Type: Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box: </div> <div>Vendor</div> <div> Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source: </div> </div>					
24	2 of 3	SE/193.9	189.0 / -0.81	SID'S PONDS & GARDENSCAPES INC 6000 NINTH LINE HORNBY ON L0P 1E0	PES
<div> <div> Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: Licence Type: Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box: </div> <div>Vendor</div> <div> Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source: </div> </div>					
24	3 of 3	SE/193.9	189.0 / -0.81	SID'S PONDS & GARDEN SCAPES INC 6000 NINTH LINE MISSISSAUGA ON L5N0C1	PES
<div> <div> Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: Licence Type: Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box: </div> <div> 079672 16516 23 Limited Vendor 01 </div> <div> Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source: </div> <div> 905 8245104 Legacy Licenses (Excluding TS) </div> </div>					
25	1 of 1	ESE/268.0	190.9 / 1.00	LANDMARK LANDSCAPING INC. 6143 SNOWY OWL CRESCENT MISSISSAUGA ON L5N 7B5	PES
<div> <div> Billing No: Trade Name: Licence No: Detail Licence No: </div> <div> Op Municipality: Operator Region: Operator District: Operator County: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence Type Code: Licence Type: Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:				Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:	
26	1 of 3	N/287.5	189.9 / 0.00	CENTRAL PEST CONTROL ONTARIO INC 6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N7V3	PES
Billing No: 052326 Trade Name: Licence No: 04406 Detail Licence No: 02-01-04406-0 Licence Type Code: 02 Licence Type: Operator Licence Class: 01 Licence Control: 0 Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:				Op Municipality: Operator Region: 3 Operator District: Operator County: 49 Oper Area Code: 905 Oper Phone No: 8245103 Operator Ext: Region: 3 County: 49 District: Lot: Concession: Post Office Box: Report Source: Legacy Licenses (Excluding TS)	
26	2 of 3	N/287.5	189.9 / 0.00	CENTRAL PEST CONTROL ONTARIO INC 6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N 7V3	PES
Billing No: Trade Name: Licence No: Detail Licence No: Licence Type Code: 02 Licence Type: Operator Licence Class: Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box:				Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: Oper Phone No: Operator Ext: Region: County: District: Lot: Concession: Post Office Box: Report Source:	
26	3 of 3	N/287.5	189.9 / 0.00	CENTRAL PEST CONTROL ONTARIO INC 6435 HAMPDEN WOODS RD MISSISSAUGA ON L5N7V3	PES
Billing No: 052326 Trade Name: Licence No: 04406 Detail Licence No: Licence Type Code: 01 Licence Type: Operator Licence Class: 05				Op Municipality: Operator Region: Operator District: Operator County: Oper Area Code: 905 Oper Phone No: 8245103 Operator Ext:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Licence Control: Operator No: Operator Class: Operator Type: Operator Lot: Oper Concession: Operator Box: </div> <div> Region: County: District: Lot: Concession: Post Office Box: Report Source: </div> <div> Legacy Licenses (Excluding TS) </div> </div>					
27	1 of 1	E/292.7	190.9 / 1.00	6148 snowy owl crescent Mississauga ON	SPL
<div> <div> Ref No: 4062-9TSA94 Site No: NA Incident Dt: 2/16/2015 Year: Incident Cause: Leak/Break Incident Event: Contaminant Code: 99 Contaminant Name: SILT Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Land Receiving Medium: Receiving Env: MOE Response: N Dt MOE Arvl on Scn: MOE Reported Dt: 2/16/2015 Dt Document Closed: Incident Reason: Equipment Failure Site Name: storm water management pond<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Snowy Owl Cresc - silt to osprey marsh Contaminant Qty: other - see incident description </div> <div> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: 6148 snowy owl crescent Site District Office: Site Postal Code: Site Region: Site Municipality: Mississauga Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Primary Assessment of Incident Source Type: </div> </div>					

Unplottable Summary

Total: **53** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	GATEWAY CORPORATE CENTRE INC.	COURT A BRITANNIA RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	BRITANNIA RD.	MISSISSAUGA CITY ON	
CA	GATEWAY CORPORATE CENTRE INC.	COURT A BRITANNIA RD.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	BRITANNIA RD.	MISSISSAUGA CITY ON	
CA	TYSSISSAUGA CITY	BRITANNIA ROAD	MISSISSAUGA CITY ON	
CA	TORNAT CONSTRUCTION CO. LTD.-LOT 5/CON.3	BRITANNIA ROAD	MISSISSAUGA CITY ON	
CA	CITY	BRITANNIA RD.	MISSISSAUGA ON	
CA		Part of Lots 6 & 7, Concession 10	Mississauga ON	
CA		Part of Lots 6 and 7, Concession 10	Mississauga ON	
CA		Part of Lots 6 and 7, Concession 10	Mississauga ON	
CA		Lot 8, Registered Plan A-15	Mississauga ON	
CA	ACACIA CO-OP. HOMES	P.LOT 4/BRITANNIA RD	MISSISSAUGA CITY ON	
CA	STACEY CONSTRUCTION	BRITANNIA RD.E.	MISSISSAUGA ON	
CA	STACEY CONSTRUCTION	BRITANNIA RD.E.	MISSISSAUGA ON	
CA	BRADCO ELECTRIC SERVICE LTD.	BRITANNIA RD. EAST	MISSISSAUGA ON	
CA	CASTLEBERRY INVESTMENTS LTD.	BRITANNIA RD. E.	MISSISSAUGA CITY ON	
CA	MILTON SEDDON (MORGUARD INC.)	BRITANNIA RD. E.	MISSISSAUGA CITY ON	

CA	BRADCO ELECTRICAL SERVICES LTD.	BRITANNIA ROAD EAST	MISSISSAUGA ON	
CA	R.M. OF PEEL	BRITANNIA RD. EAST	MISSISSAUGA CITY ON	
CA	REGION OF PEEL	BRITANNIA RD. WEST	MISSISSAUGA CITY ON	
CA	PEBBLES PROPERTIES INC.	BRITANNIA WOODS II/FOXWOOD AVE	MISSISSAUGA CITY ON	
CA	PEBBLES PROPERTIES INC.	BRITANNIA WOODS II/FOXWOOD AVE	MISSISSAUGA CITY ON	
CA	LAMAJE DEVELOPMENTS LIMITED	BRITANNIA WOODS 1/LISGAR DR.	MISSISSAUGA CITY ON	
CA	LAMAJE DEVELOPMENTS LIMITED	BRITANNIA WOODS 1/LISGAR DR.	MISSISSAUGA CITY ON	
CA		Ninth Line	Mississauga ON	
CA	MISSISSAUGA CITY-LISGAR/W.CHURCHILL DIST	NINTH LINE/FUTURE ERIN CENTRE	MISSISSAUGA CITY ON	
CA	UNION GAS LIMITED	NINTH LINE	MILTON TOWN ON	
CA	FIRST CITY DEVELOPMENT CORP. LTD.	EASEMENT NINTH LINE LISGAR SUB	MISSISSAUGA CITY ON	
CA	FIRST TERRAGAR HOLDINGS LIMITED	OSPREY BLVD., PARTS LOT 7 & 8	MISSISSAUGA CITY ON	
CA	FIRST TERRAGAR HOLDINGS LIMITED	OSPREY BLVD., PT.LOTS 7 & 8	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	BRITANNIA ROAD WEST	MISSISSAUGA CITY ON	
CA	MILTON SEDDON (MORGUARD INC.)	BRITANNIA RD. EAST.	MISSISSAUGA CITY ON	
EHS		Ninth Line	Mississauga ON	
EHS		West side of Ninth Line, between Hwy 401 & 407	Mississauga ON	
EHS		Britannia Rd E	Mississauga ON	
GEN	GVT. OF CAN.-R.C.M.P.-TPIA/DET. 17-306	RCMP SHOOTING RANGE, TLBP AIRPORT BRITANNIA RD.C/O 5945 AIRPORT RD.# 290	MISSISSAUGA ON	L4V 1R9
GEN	GVT. OF CAN. - R.C.M.P.	RCMP SHOOTING RANGE, T.L.B.P. AIRPORT BRITANNIA ROAD	MISSISSAUGA ON	
GEN	GVT. OF CAN.-R.C.M.P.-TPIA/DET.	RCMP SHOOTING RANGE, TLBP AIRPORT BRITANNIA RD.C/O 5945 AIRPORT RD.# 290	MISSISSAUGA ON	L4V 1R9
GEN	GLEN OAKS MEMORIAL GARDENS	NINTH LINE C/O 3476 GLEN ERIN DRIVE	MISSISSAUGA ON	L5L 1W6

GEN	GVT. OF CAN.-R.C.M.P.- TPIA/DET.	RCMP SHOOTING RANGE, TLBP AIRPORT BRITANNIA RD.	MISSISSAUGA ON	L4V 1R9
PES	ROACH REMOVER INC.	BOX 21043	MISSISSAUGA ON	L5N6A2
REC	GLEN OAKS MEMORIAL GARDENS	NINTH LINE	MISSISSAUGA ON	L5L 1W6
REC	GLEN OAKS MEMORIAL GARDENS	NINTH LINE C/O 3476 GLEN ERIN DRIVE	MISSISSAUGA ON	L5L 1W6
SPL		Hwy 407 Westbound, near 26.5 Km Marker and Britannia Road	Mississauga ON	
SPL	TRANSPORT TRUCK	PARKGATE DRIVE,POND BEHIND HOMES. MOTOR VEHICLE (OPERATING FLUID)	MISSISSAUGA CITY ON	
SPL	The Regional Municipality of Peel	Britannia Rd. W, West of Glen Erin Drive	Mississauga ON	
SPL	UNKNOWN	IN A TRIBUTARY OF ETOBICOKE CREEK AT BRITANNIA RD. E. & TOMKEN, S-SIDE	MISSISSAUGA CITY ON	
SPL	MOTOR VEHICLE	BRITANNIA ROAD EAST MOTOR VEHICLE (OPERATING FLUID)	MISSISSAUGA ON	
WWIS		lot 6	ON	
WWIS		lot 7	ON	
WWIS		lot 7	ON	
WWIS		lot 6	ON	
WWIS		lot 8	ON	

Unplottable Report

Site: GATEWAY CORPORATE CENTRE INC.
COURT A BRITANNIA RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-2249-88-
Application Year: 88
Issue Date: 12/7/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF PEEL
BRITANNIA RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1042-90-
Application Year: 90
Issue Date: 7/17/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GATEWAY CORPORATE CENTRE INC.
COURT A BRITANNIA RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1910-88-
Application Year: 88
Issue Date: 12/7/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MISSISSAUGA CITY
BRITANNIA RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0946-86-

Application Year: 86
Issue Date: 7/11/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TYSSISSAUGA CITY
BRITANNIA ROAD MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1009-88-
Application Year: 88
Issue Date: 7/13/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TORNAT CONSTRUCTION CO. LTD.-LOT 5/CON.3
BRITANNIA ROAD MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-2222-90-
Application Year: 90
Issue Date: 1/4/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
BRITANNIA RD. MISSISSAUGA ON

Database:
CA

Certificate #: 3-1296-85-006
Application Year: 85
Issue Date: 10/29/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:**Part of Lots 6 & 7, Concession 10 Mississauga ON****Database:****CA**

Certificate #: 2746-4R4KHN
Application Year: 01
Issue Date: 2/14/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Lamaje Developments Limited & 1281634 Ontario Limited
Client Address: 2360 Bristol Circle
Client City: Oakville
Client Postal Code: L6H 6M5
Project Description: Construction of a Stormwater Management Facility
Contaminants:
Emission Control:

Site:**Part of Lots 6 and 7, Concession 10 Mississauga ON****Database:****CA**

Certificate #: 4128-4RWTGG
Application Year: 00
Issue Date: 12/11/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Lamaje Developments Limited & 1281634 Ontario Limited
Client Address: 2360 Bristol Circle
Client City: Oakville
Client Postal Code: L6H 6M5
Project Description: watermains to be constructed on Osprey Blvd, Windhaven Drive, Miriam Way, Lisgar Drive, Streets a,b,c, and the crossing of the ex-drainage channel
Contaminants:
Emission Control:

Site:**Part of Lots 6 and 7, Concession 10 Mississauga ON****Database:****CA**

Certificate #: 2707-4RWTB3
Application Year: 00
Issue Date: 12/11/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Lamaje Developments Limited & 1281634 Ontario Limited
Client Address: 2360 Bristol Circle
Client City: Oakville
Client Postal Code: L6H 6M5
Project Description: Storm, sanitary, and FDC to be constructed on Streets B and C; storm and FDC on Block 226; FDC and sanitary on Streets A and 9th Line; Storm on Easement on lots 1 & 25; FDC on Osprey Drive, Windhaven Drive, Miriam Way, Lisgar Drive.
Contaminants:
Emission Control:

Site:**Lot 8, Registered Plan A-15 Mississauga ON****Database:****CA**

Certificate #: 1242-4SGLC9
Application Year: 00
Issue Date: 12/29/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval

Client Name: Belsito Investments Inc.
Client Address: 5108 Durie Road
Client City: Mississauga
Client Postal Code: L5M 2C7
Project Description: Watermain to be constructed in conjunction with File T-00001 (W6) and in the Region of Peel on San Remo Court.
Contaminants:
Emission Control:

Site: ACACIA CO-OP. HOMES
P.LOT 4/BRITANNIA RD MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1085-92-
Application Year: 92
Issue Date: 10/19/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: STACEY CONSTRUCTION
BRITANNIA RD.E. MISSISSAUGA ON

Database:
CA

Certificate #: 7-0751-85-006
Application Year: 85
Issue Date: 9/6/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: STACEY CONSTRUCTION
BRITANNIA RD.E. MISSISSAUGA ON

Database:
CA

Certificate #: 3-1020-85-006
Application Year: 85
Issue Date: 9/6/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BRADCO ELECTRIC SERVICE LTD.
BRITANNIA RD. EAST MISSISSAUGA ON

Database:
CA

Certificate #: 7-0011-86-
Application Year: 86
Issue Date: 1/24/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CASTLEBERRY INVESTMENTS LTD.**
BRITANNIA RD. E. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-0436-86-
Application Year: 86
Issue Date: 6/5/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **MILTON SEDDON (MORGUARD INC.)**
BRITANNIA RD. E. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1812-88-
Application Year: 88
Issue Date: 9/21/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **BRADCO ELECTRICAL SERVICES LTD.**
BRITANNIA ROAD EAST MISSISSAUGA ON

Database:
CA

Certificate #: 3-0015-86-
Application Year: 86
Issue Date: 1/24/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF PEEL
BRITANNIA RD. EAST MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1286-86-
Application Year: 86
Issue Date: 11/4/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: REGION OF PEEL
BRITANNIA RD. WEST MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1478-86-
Application Year: 86
Issue Date: 12/12/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PEBBLES PROPERTIES INC.
BRITANNIA WOODS II/FOXWOOD AVE MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1101-97-
Application Year: 97
Issue Date: 10/14/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PEBBLES PROPERTIES INC.
BRITANNIA WOODS II/FOXWOOD AVE MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1498-97-
Application Year: 97
Issue Date: 10/14/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:

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

Site: LAMAJE DEVELOPMENTS LIMITED
BRITANNIA WOODS 1/LISGAR DR. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1211-97-
Application Year: 97
Issue Date: 11/17/1997
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LAMAJE DEVELOPMENTS LIMITED
BRITANNIA WOODS 1/LISGAR DR. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1667-97-
Application Year: 97
Issue Date: 11/17/1997
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Ninth Line Mississauga ON

Database:
CA

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

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

Database:
CA

Certificate #: 3-0286-90-

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

Site: **UNION GAS LIMITED**
NINTH LINE MILTON TOWN ON

Database:
CA

Certificate #: 8-3113-88-
Application Year: 88
Issue Date: 9/12/1988
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMPRESSED/DIESEL
Contaminants: Nitrogen Oxides, Carbon Monoxide, Methane (Incl. Hydrocarbons Expr. As Ch4
Emission Control: Silencer

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

Database:
CA

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

Site: **FIRST TERRAGAR HOLDINGS LIMITED**
OSPREY BLVD., PARTS LOT 7 & 8 MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1257-88-
Application Year: 88
Issue Date: 8/15/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: FIRST TERRAGAR HOLDINGS LIMITED
OSPREY BLVD., PT.LOTS 7 & 8 MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-1464-88-
Application Year: 88
Issue Date: 8/15/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF PEEL
BRITANNIA ROAD WEST MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-0193-89-
Application Year: 89
Issue Date: 2/24/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MILTON SEDDON (MORGUARD INC.)
BRITANNIA RD. EAST. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-1554-88-
Application Year: 88
Issue Date: 9/21/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Ninth Line Mississauga ON

Database:
EHS

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

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

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

Site: **Britannia Rd E Mississauga ON** **Database:** **EHS**

Order No: 20120705014 **Nearest Intersection:**
Status: C **Municipality:** 220-262 and 270-280 Britannia Rd. E.
Report Type: Custom Report **Client Prov/State:** Mississauga
Report Date: 16-JUL-12 **Search Radius (km):** ON
Date Received: 05-JUL-12 **X:** .25
Previous Site Name: **Y:** -694444.444444
Lot/Building Size: 43.668056
Additional Info Ordered: Aerial Photos

Site: **GVT. OF CAN.-R.C.M.P.-TPIA/DET. 17-306** **Database:** **GEN**
RCMP SHOOTING RANGE, TLBP AIRPORT BRITANNIA RD.C/O 5945 AIRPORT RD.# 290 MISSISSAUGA ON L4V 1R9

Generator No: ON0283143 **PO Box No:**
Status: **Country:**
Approval Years: 94,95,96 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 8123
SIC Description: POLICE SERVICES

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: **GVT. OF CAN. - R.C.M.P.** **Database:** **GEN**
RCMP SHOOTING RANGE, T.L.B.P. AIRPORT BRITANNIA ROAD MISSISSAUGA ON

Generator No: ON0283143 **PO Box No:**
Status: **Country:**
Approval Years: 98,99,00,01 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 8123
SIC Description: POLICE SERVICES

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: **GVT. OF CAN.-R.C.M.P.-TPIA/DET.** **Database:** **GEN**
RCMP SHOOTING RANGE, TLBP AIRPORT BRITANNIA RD.C/O 5945 AIRPORT RD.# 290 MISSISSAUGA ON L4V

1R9

Generator No: ON0283143
Status:
Approval Years: 89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8123
SIC Description: POLICE SERVICES

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

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

Database:
GEN

Generator No: RR0530
Status:
Approval Years: 86
Contam. Facility:
MHSW Facility:
SIC Code: 011
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Site: GVT. OF CAN.-R.C.M.P.-TPIA/DET.
RCMP SHOOTING RANGE, TLBP AIRPORT BRITANNIA RD. MISSISSAUGA ON L4V 1R9

Database:
GEN

Generator No: ON0283143
Status:
Approval Years: 92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 8123
SIC Description: POLICE SERVICES

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: ROACH REMOVER INC.
BOX 21043 MISSISSAUGA ON L5N6A2

Database:
PES

Billing No:
Trade Name:
Licence No:
Detail Licence No:
Licence Type Code:
Licence Type: Operator
Licence Class:
Licence Control:
Operator No:
Operator Class:
Operator Type:
Operator Lot:
Oper Concession:
Operator Box:

Op Municipality:
Operator Region:
Operator District:
Operator County:
Oper Area Code:
Oper Phone No:
Operator Ext:
Region:
County:
District:
Lot:
Concession:
Post Office Box:
Report Source:

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

Database:
REC

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

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

Database:
REC

Rec Op Div:
Co Admin:
Phone No Admin:
Rec Div:
Rec Op Name:
Choice of Contact:
Site Bldg:
Site PO Box:
Receiver #: RR0530
Facility Type: INCINERATION
Approval Yrs: 86,87,88,89,90,92

Site: Hwy 407 Westbound, near 26.5 Km Marker and Britannia Road Mississauga ON

Database:
SPL

Ref No:	5158-9AJV7Z	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2013/08/13	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Collision/Accident	Sector Type:	Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	ENGINE OIL	Site Address:	Hwy 407 Westbound, near 26.5 Km Marker and Britannia Road
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Mississauga
Nature of Impact:	Other Impact(s); Soil Contamination	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2013/08/13	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Highway Spills (usually highway accidents)
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	Hwy 407 Westbound Lanes<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	407 Control: 3 vehicle col'sn, eng fluids to ditch, cleaned		
Contaminant Qty:	0 other - see incident description		

Site: TRANSPORT TRUCK
PARKGATE DRIVE,POND BEHIND HOMES. MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON

Database:
SPL

Ref No:	169296	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	6/22/1999	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:	POSSIBLE	Site Municipality:	21102
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND / WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	REGION OF PEEL
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	6/22/1999	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:	TACC-90 L DIESEL TO ROAD,STORM SEWER AND STORM POND,CLEANUP UNDERWAY.		
Contaminant Qty:			

Site: **The Regional Municipality of Peel** **Database:**
Britannia Rd. W, West of Glen Erin Drive Mississauga ON **SPL**

Ref No:	2014-9EAFJN	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2013/12/11	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Leak/Break	Sector Type:	Water Supply
Incident Event:		Agency Involved:	
Contaminant Code:	99	Nearest Watercourse:	
Contaminant Name:	SILT	Site Address:	Britannia Rd. W, West of Glen Erin Drive
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Mississauga
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2013/12/11	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Watercourse Spills
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	Watermain break - silt to strm H2O pond<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Watermain break. Silt to strm H2O pond		
Contaminant Qty:	1 other - see incident description		

Site: **UNKNOWN** **Database:**
IN A TRIBUTARY OF ETOBICOKE CREEK AT BRITANNIA RD. E. & TOMKEN, S-SIDE MISSISSAUGA CITY ON **SPL**

Ref No:	130315	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	8/9/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	WASTEWATER DISCHARGE TO WATERCOURSE	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:	21102
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	REGION OF PEEL
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	8/9/1996	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SOURCE UNKNOWN - UNKNOWN BLACK SUBSTANCE IN CREEK, PEEL REGION INVESTIGATED.		
Contaminant Qty:			

Site:	MOTOR VEHICLE	Database:	SPL
	BRITANNIA ROAD EAST MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA ON		
Ref No:	186625	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/13/2000	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:	21102
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	PUBLIC WORKS
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/13/2000	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:	MOTOR VEHICLE:LEAK FROM DIESEL FUEL TANK ON CAR PUBLIC WORKS CALLED		
Contaminant Qty:			

Site:	lot 6 ON	Database:	WWIS
Well ID:	2808962	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	4/1/1999
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3406
Casing Material:		Form Version:	1
Audit No:	195947	Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	MILTON TOWN (NASSAGAWEYA)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	006
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	CON
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:	10155219	Elevation:	
DP2BR:	50	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	28-AUG-98	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931453691
Layer:	6
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	53
Formation End Depth:	124
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931453688
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	27
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931453689
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453686
Layer: 1
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453687
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 23
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453690
Layer: 5
Color: 8
General Color: BLACK
Mat1: 26
Most Common Material: ROCK
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 53
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933140370
Layer: 1
Plug From: 0
Plug To: 52
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808962
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10703789
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264135
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 124
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264134
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808962
Pump Set At:
Static Level: 13
Final Level After Pumping: 13
Recommended Pump Depth: 50
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934977475
Test Type: Draw Down
Test Duration: 60

Test Level: 13
Test Level UOM: ft

Water Details

Water ID: 933613009
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 98
Water Found Depth UOM: ft

Water Details

Water ID: 933613010
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 115
Water Found Depth UOM: ft

Water Details

Water ID: 933613008
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 57
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 2808958
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 195952
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/1/1999
Selected Flag: Yes
Abandonment Rec:
Contractor: 3406
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: MILTON TOWN (NASSAGAWEYA)
Site Info:
Lot: 007
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10155215
DP2BR: 31
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 31-AUG-98
Remarks:

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931453670
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 24
Formation End Depth: 31
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453669
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 24
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453671
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 31
Formation End Depth: 64
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933140366
Layer: 1
Plug From: 0
Plug To: 31

Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808958
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10703785
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264127
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 64
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264126
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808958
Pump Set At:
Static Level: 9
Final Level After Pumping: 10
Recommended Pump Depth: 12
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934977471
Test Type: Draw Down

Test Duration: 60
Test Level: 10
Test Level UOM: ft

Water Details

Water ID: 933613000
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 57
Water Found Depth UOM: ft

Water Details

Water ID: 933613001
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 61
Water Found Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 2807469
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 43050
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/7/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: MILTON TOWN (TRAFALGAR)
Site Info:
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10153730
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 18-JUN-88
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: 931447437
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931447438
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 43
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931447439
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 90
Formation End Depth: 103
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931447440
Layer: 5
Color: 6
General Color: BROWN
Mat1: 30
Most Common Material: MEDIUM GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 103
Formation End Depth: 104
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931447436
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 962807469
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10702300
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930261481
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 104
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992807469
Pump Set At:
Static Level:
Final Level After Pumping: 82
Recommended Pump Depth: 95
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 7
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: Y

Draw Down & Recovery

Pump Test Detail ID: 934178967
Test Type: Draw Down
Test Duration: 15
Test Level: 82
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934452933
Test Type: Draw Down
Test Duration: 30
Test Level: 82
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934964309
Test Type: Draw Down
Test Duration: 60
Test Level: 82
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934711663
Test Type: Draw Down
Test Duration: 45
Test Level: 82
Test Level UOM: ft

Water Details

Water ID: 933610995
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 104
Water Found Depth UOM: ft

Site:

lot 6 ON

Database:
WWIS

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

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

Bore Hole Information

Bore Hole ID: 10540589
DP2BR:
Spatial Status:
Code OB: —
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 15-MAY-03
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: 964909154
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

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

Site:

lot 8 ON

Database:
WWIS

Well ID: 2808972
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 195953
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/1/1999
Selected Flag: Yes
Abandonment Rec:
Contractor: 3406
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: MILTON TOWN (NASSAGAWEYA)
Site Info:
Lot: 008
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10155229
DP2BR: 50
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 01-SEP-98
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931453729
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 98
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453728
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931453727
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 18
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933140380

Layer: 1
Plug From: 0
Plug To: 51
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808972
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10703799
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264154
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264155
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 98
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808972
Pump Set At:
Static Level: 40
Final Level After Pumping: 44
Recommended Pump Depth: 46
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934977485
Test Type: Draw Down
Test Duration: 60
Test Level: 44
Test Level UOM: ft

Water Details

Water ID: 933613037
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 94
Water Found Depth UOM: ft

Water Details

Water ID: 933613036
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 85
Water Found Depth UOM: ft

Water Details

Water ID: 933613035
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 78
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 2018

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2019

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal

CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial

CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-Jan 31, 2019

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 2012 - Mar 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Mar 2019

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Mar 31, 2019

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886 - Oct 2018

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Mar 31, 2019

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994-Mar 31, 2019

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011-Mar 31, 2019

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Jan 31, 2019

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

[EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

[EPAR](#)

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

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

List of TSSA Expired Facilities:

Provincial

[EXP](#)

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Oct 2018

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial

FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Dec 31, 2018

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 2016

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Sep 30, 2017

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2018

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Feb 28, 2019

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSRL 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-May 2018

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-Mar 31, 2019

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: 1988-Sep 2018

TSSA Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994-Mar 31, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

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

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

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Jan 31, 2019

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

Government Publication Date: 1988-Feb 2019

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2018

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Mar 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

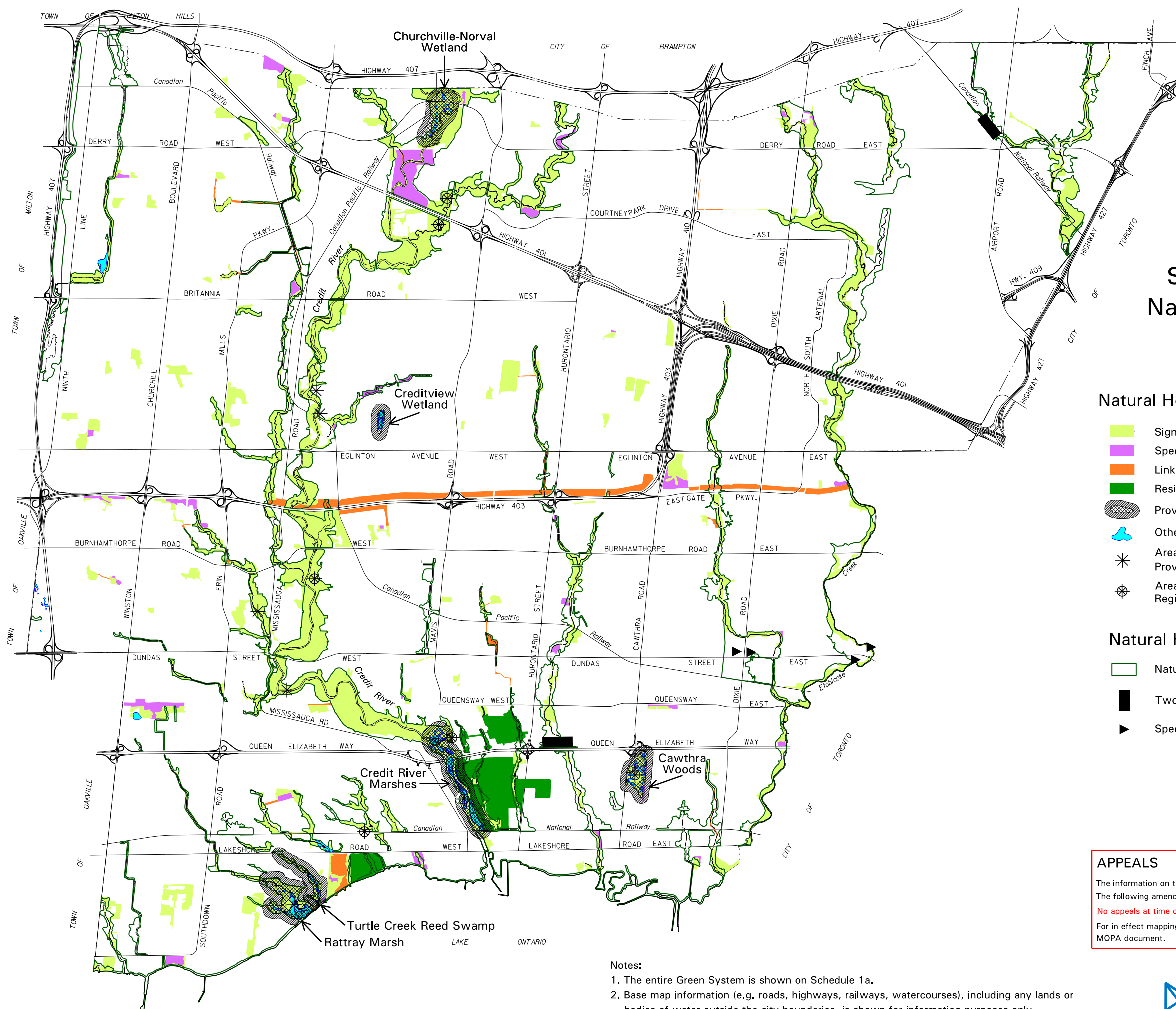
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number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

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

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



Appendix D



0 500 1000 1500 2000
metres

Schedule 3 Natural System

Natural Heritage System:

- Significant Natural Areas and Natural Green Spaces
- Special Management Areas
- Linkages
- Residential Woodlands
- Provincially Significant Wetlands
- Other Wetlands
- Areas of Natural and Scientific Interest - Provincial Significance
- Areas of Natural and Scientific Interest - Regional Significance

Natural Hazards:

- Natural Hazards
- Two Zone Floodplain Regulations
- Special Policy Area Floodplain

APPEALS

The information on this schedule reflects Council adopted amendments. The following amendments are under appeal and affect this schedule:

No appeals at time of consolidation.

For in effect mapping information refer to the Consolidation Tables and MOPA document.

Notes:

1. The entire Green System is shown on Schedule 1a.
2. Base map information (e.g. roads, highways, railways, watercourses), including any lands or bodies of water outside the city boundaries, is shown for information purposes only.
3. The limits of the Natural Hazards shown on this Schedule are for illustrative purposes only. The appropriate Conservation Authority should be consulted to determine their actual location.

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: May 22, 2019 1:34 PM
To: Aphrodite.Koseos@dsconsultants.ca
Subject: RE: UST/AST Search

Hello Aphrodite,

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 publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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

Kind regards,

Yalini



Yalini Kanagendran | Public Information Agent

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3449 | Fax: +1-416-231-6183 | E-Mail: ykanagendran@tssa.org

www.tssa.org



From: Aphrodite.Koseos@dsconsultants.ca <Aphrodite.Koseos@dsconsultants.ca>
Sent: May 21, 2019 4:37 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: UST/AST Search

Good Afternoon,

Could you please check your database for the following addresses in Mississauga:

6314 Ninth Line
6302 Ninth Line
6276 Ninth Line
6376 Ninth Line
6168 Ninth Line
6136 Ninth Line

6352 Ninth Line
6150 Ninth Line
6056 Ninth Line
6000 Ninth Line

Thanks,



Aphrodite Koseos, B.Sc., EPT
Environmental Technician

DS Consultants Ltd.

6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8

Tel: (905) 264-9393

Cell: (604) 803-3418

www.dsconsultants.ca

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de
la Protection de la nature et des
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Access and Privacy Office

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

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Télec.: (416) 314-4285

May 3, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03057, Your Reference 18-692-100

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

The search is being conducted on the following: Part of Lot 7, Concession 9, Mississauga. If there is any discrepancy please contact us immediately.

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

If you have any questions regarding this matter, please contact Sharon Menzies at Sharon.Menzies@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy

Ministry of the Environment,
Conservation and Parks

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40, avenue St. Clair ouest
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Tél.: (416) 314-4075

May 9, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03057, Your Reference 18-692-100

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to Part of Lot 7, Concession 9, Mississauga.

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

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

If you have any questions regarding this matter, please contact Junyi Cai at 416-314-4075 or junyi.cai@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de
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Télec.: (416) 314-4285

May 3, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03052, Your Reference 18-692-100

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

The search is being conducted on the following: 6252 Ninth Line, Mississauga.
If there is any discrepancy please contact us immediately.

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

If you have any questions regarding this matter, please contact Sharon Menzies at Sharon.Menzies@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy

Ministry of the Environment,
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Tél.: (416) 314-4075



May 9, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03052, Your Reference 18-692-100

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 6252 Ninth Line, Mississauga.

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

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

If you have any questions regarding this matter, please contact Junyi Cai at 416-314-4075 or junyi.cai@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy

Ministry of the Environment,
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Téléc.: (416) 314-4285

May 3, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03053, Your Reference 18-692-100

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

**The search is being conducted on the following: 6168 Ninth Line, Mississauga.
If there is any discrepancy please contact us immediately.**

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

If you have any questions regarding this matter, please contact Sharon Menzies at Sharon.Menzies@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy

Ministry of the Environment,
Conservation and Parks

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May 9, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03053, Your Reference 18-692-100

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 6168 Ninth Line, Mississauga.

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

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If you have any questions regarding this matter, please contact Junyi Cai at 416-314-4075 or junyi.cai@ontario.ca.

Yours truly,

Janet Dadufalza
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Tél.: (416) 314-4075
Télec.: (416) 314-4285

May 3, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03054, Your Reference 18-692-100

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

The search is being conducted on the following: 6136 Ninth Line, Mississauga.
If there is any discrepancy please contact us immediately.

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

If you have any questions regarding this matter, please contact Sharon Menzies at Sharon.Menzies@ontario.ca.

Yours truly,


Janet Dadufalza
Manager, Access and Privacy

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Tél.: (416) 314-4075

May 9, 2019

Aphrodite Koseos
DS Consultants Ltd.
6221 Highway 7, Unit 16
Vaughan, ON L4H 0K8

Dear Aphrodite Koseos:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2019-03054, Your Reference 18-692-100

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 6136 Ninth Line, Mississauga.

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

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

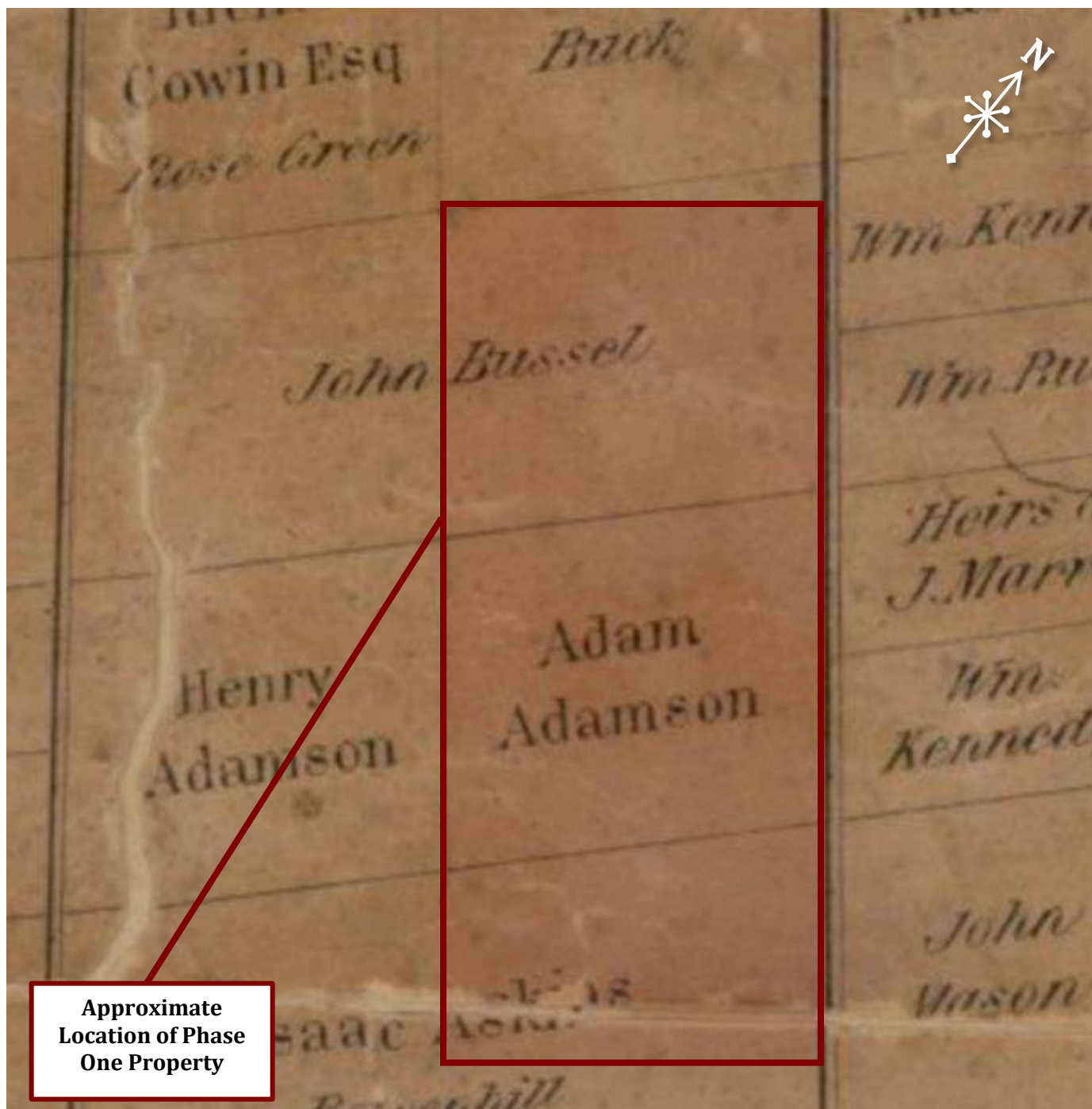
If you have any questions regarding this matter, please contact Junyi Cai at 416-314-4075 or junyi.cai@ontario.ca.

Yours truly,

Janet Dadufalza
Manager, Access and Privacy



Appendix E



**Approximate
Location of Phase
One Property**

© County Atlas Project



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

COUNTY ATLAS: 1854

Scale:
NTS

Date:
May-19

Project:
18-692-100

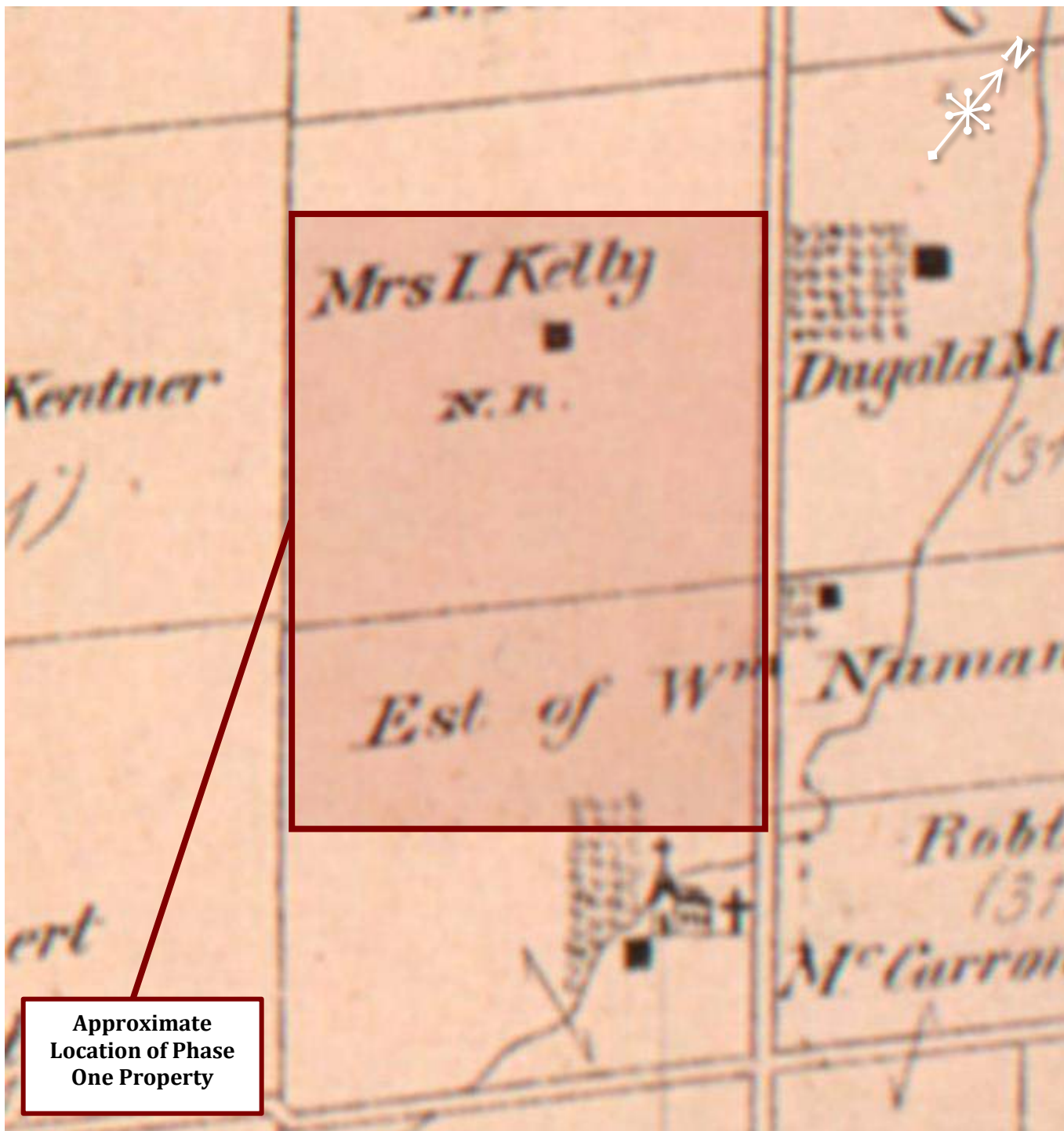
**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT
6302-6314 Ninth Line, Mississauga**

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-1



**Approximate
Location of Phase
One Property**

© County Atlas Project



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

COUNTY ATLAS: 1880

Scale:
NTS

Date:
May-19

Project:
18-692-100

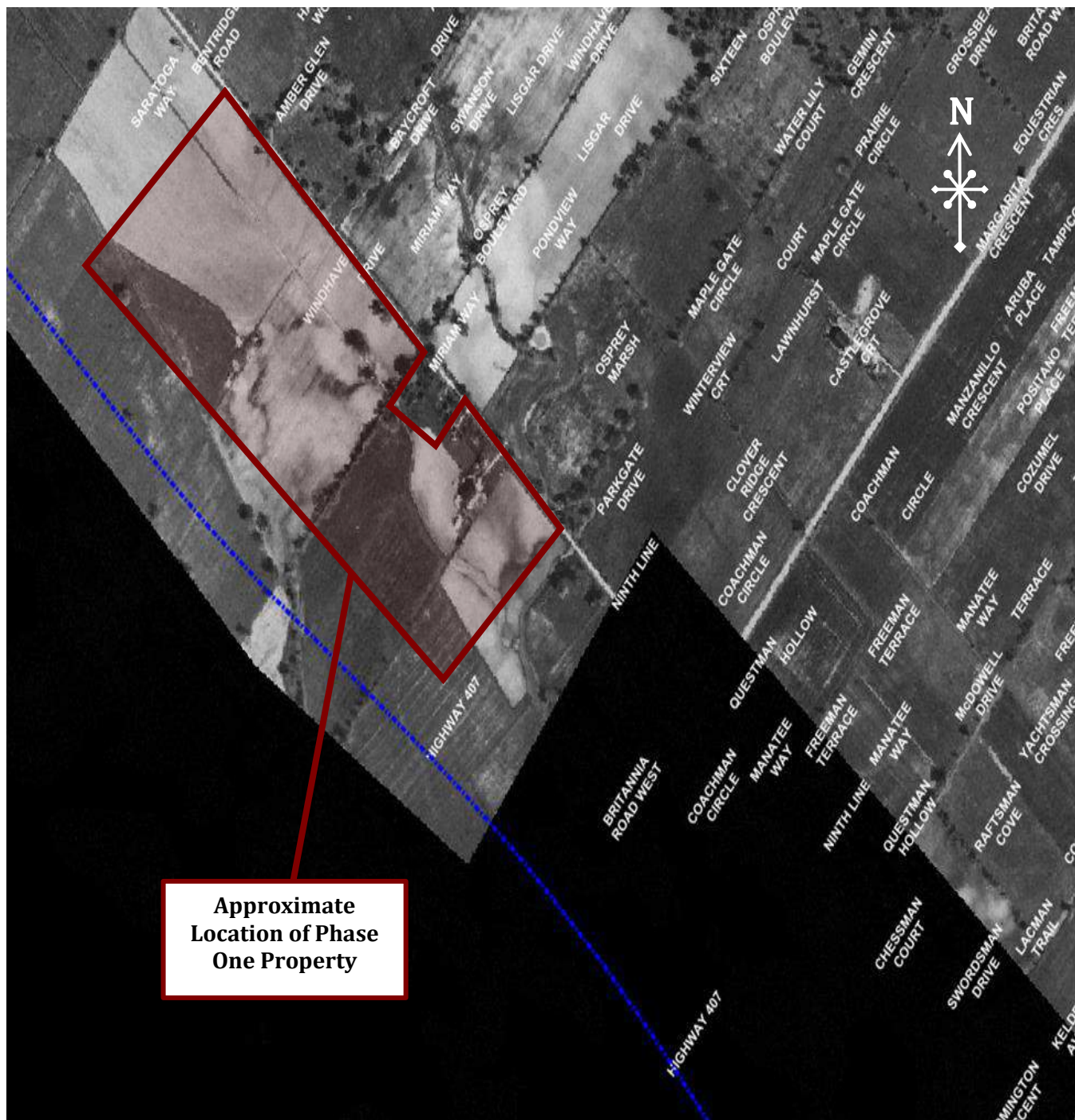
**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-2



© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1954

Scale:
~1:8500

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-3



© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1966

Scale:
~1:7500

Date:
May-19

Project:
18-692-100

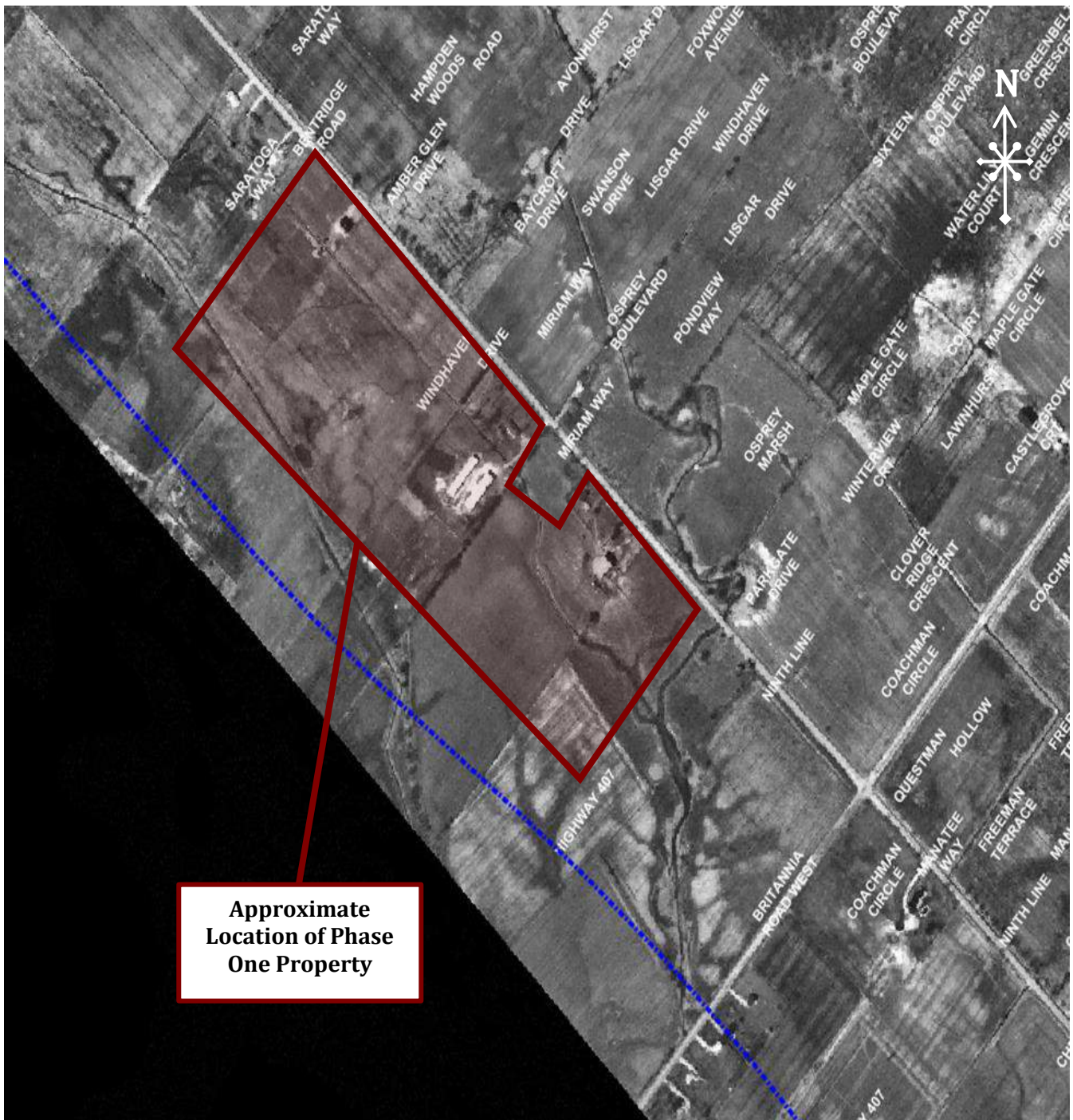
**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-4



**Approximate
Location of Phase
One Property**

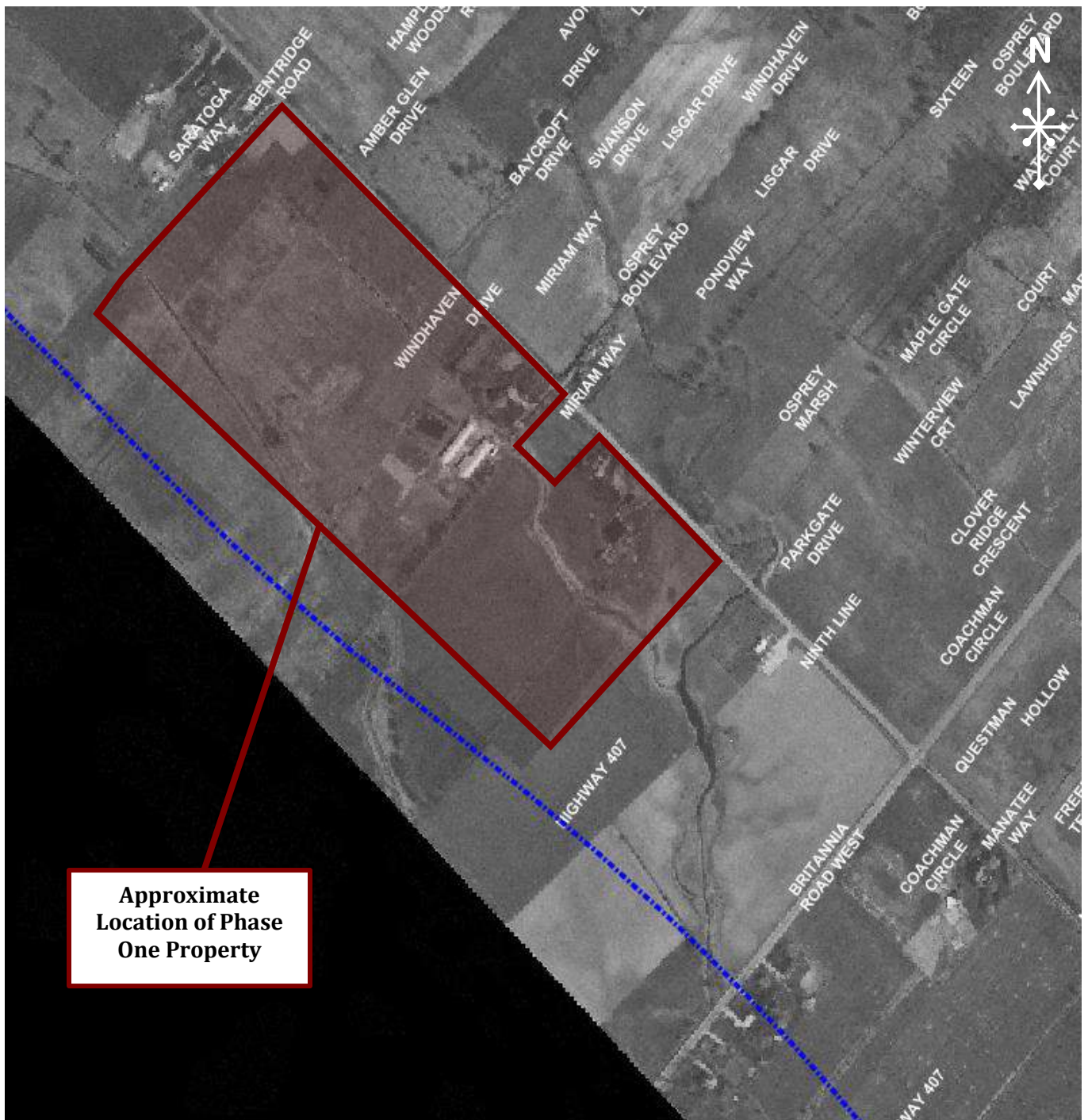
© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1975

Scale: ~1:8000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6302-6314 Ninth Line, Mississauga	Prepared By: AK
Date: May-19		Reviewed By: RF
Project: 18-692-100	Prepared For: Derry Britannia Developments Ltd.	Drawing No. E-5



**Approximate
Location of Phase
One Property**

© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1985

Scale:
~1:7000

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-6



© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1992

Scale:
~1:7500

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-7



© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 2000

Scale:
~1:8500

Date:
May-19

Project:
18-692-100

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-8



**Approximate
Location of Phase
One Property**

© City of Mississauga



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 2003

Scale:
~1:8500

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-9



© Google Earth



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2004

Scale:
~1:7500

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-10



**Approximate
Location of Phase
One Property**

© Google Earth



6221 Highway 7
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2006

Scale:
~1:6000

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT
6302-6314 Ninth Line, Mississauga**

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-11



**Approximate
Location of Phase
One Property**

© City of Mississauga Maps



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 2012

Scale:
~1:6000

Date:
May-19

Project:
18-692-100

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6302-6314 Ninth Line, Mississauga

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-12



**Approximate
Location of Phase
One Property**

© Google Earth



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2015

Scale:
~1:6000

Date:
May-19

Project:
18-692-100

**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT
6302-6314 Ninth Line, Mississauga**

Prepared For: Derry Britannia
Developments Ltd.

Prepared By:
AK

Reviewed By:
RF

Drawing No.
E-13



**Approximate
Location of Phase
One Property**

© Google Earth



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2018

Scale: ~1:7500	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6302-6314 Ninth Line, Mississauga	Prepared By: AK
Date: May-19		Reviewed By: RF
Project: 18-692-100	Prepared For: Derry Britannia Developments Ltd.	Drawing No. E-14



Appendix F



Picture 1: View of Parcel G facing south.



Picture 2: View of Parcel G facing north.



Picture 3: View of Parcel G facing east.



Picture 4: View of Parcel H facing southwest.



Picture 5: View of the residential building (Site Building A) on Parcel H facing northwest.



Picture 6: View of the southside of the Site Building A on Parcel H facing east.



Picture 7: View of a pile of the vent/fill pipes on the western side of Site Building A located on Parcel H, facing east.



Picture 8: View of the southside of Site Building A on Parcel H, facing north.



Picture 9: View of Site Building B located behind the house on Parcel H, facing west.



Picture 10: View of Site Building C located behind the house on Parcel H, facing west.



Picture 11: View of an abandoned domestic water well north of the residential building on Parcel H.



Picture 12: View of a portion of Parcel I facing northeast.



Picture 13: View of a portion of Parcel I from Ninth Line, facing west.



Picture 14: View of a stormwater management pond located on Parcel I facing east.



Picture 15: View of Parcel I behind the forest located at the front of the lot facing west.



Picture 16: View of the partially demolished barn on Parcel J, facing south.



Picture 17: View of debris from the partially demolished barn on Parcel J facing west.



Picture 18: View of Parcel J facing east.



Picture 19: View of the stormwater pond located on Parcel J facing west.



Picture 20: View of the stormwater management pond drainage stream that leads into the river on the south adjacent property located on Parcel J facing west.



Picture 21: View of the north adjacent property facing north.



Picture 22: View of a tributary of the East Sixteen Mile Creek and St. Peters church, a south adjacent and neighbouring property facing south.



Picture 23: View of Osprey Marsh, an east adjacent property, facing east.



Picture 24: View of Highway 407, a west adjacent property.



Appendix G

"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)
Part of Lot 7, Concession 9, Trafalgar New Survey, Part 2,
20R13225, City of Mississauga

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1853	Crown	Assumed agricultural	Agricultural or other use	None
1854	John Bussel/Adam Adamson	Assumed agricultural	Agricultural or other use	The 1854 County Atlas shows no structures or orchards present on the property.
1880	Mrs. I. Kelly	Assumed agricultural	Agricultural or other use	The 1880 County Atlas shows no buildings or orchards present on the property.
1954	Private Owner	Assumed agricultural	Agricultural or other use	The 1954 aerial photograph shows no structure on the property.
1966	Private Owner	Assumed agricultural	Agricultural or other use	None
1975	Private Owner	Assumed agricultural	Agricultural or other use	None
1985	Private Owner	Assumed agricultural	Agricultural or other use	None
1992	Private Owner	Assumed agricultural	Agricultural or other use	None
2000	Private Owner	Assumed agricultural	Agricultural or other use	None
2003	Private Owner	Assumed agricultural	Agricultural or other use	None
2004	Private Owner	Assumed agricultural	Agricultural or other use	None

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
2006	Private Owner	Assumed agricultural	Agricultural or other use	None
2012	Private Owner	Assumed agricultural	Agricultural or other use	None
2015	Private Owner	Assumed agricultural	Agricultural or other use	None
2018	Derry Britannia Developments Limited – Present	Assumed agricultural	Agricultural or other use	Site interviews indicated that the property was acquired by Derry Britannia Developments Limited on December 4, 2018.

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

- Agriculture or other use
- Commercial use
- Community use
- Industrial use
- Institutional use
- Parkland use
- Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

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

"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)
6252 Ninth Line, Mississauga, Ontario
Part of Lot 7, Concession 9, Trafalgar New Survey,
as in 653286; lying northeast of PE184, City of Mississauga

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1854	Crown	Assumed agricultural	Agricultural or other use	None
1854	Adam Adamson	Assumed agricultural	Agricultural or other use	According to the 1854 County Atlas, the property was owned by Adam Adamson
1880	Mrs. I. Kelly	Assumed residential and agricultural	Residential	According to the 1880 County Atlas, there appears to be a structure drawn on the property.
1954	Private Owner	Assumed agricultural	Agricultural or other use	According to the 1954 aerial photograph, there does not appear to be any structures on the property.
1966	Private Owner	Assumed agricultural	Agricultural or other use	According to the 1966 aerial photograph, there does not appear to be any structures on the property.
1975	Private Owner	Residential	Residential	A building (Site Building A) has been constructed on the northeast corner of the property.
1985	Private Owner	Residential	Residential	None
1986	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	Previous reports indicate the property was acquired by Mr. and Mrs. Flanjak in 1986
1992	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
2000	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None
2003	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None
2004	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None
2006	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None
2012	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None
2015	Mr. Vlado Flanjak and Mrs. Jagica Flanjak	Residential	Residential	None
2017	Derry Britannia Developments Limited - Present	Residential	Residential	According to the Site Interviews, Derry Britannia Developments acquired the property on May 8, 2017.

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

Agriculture or other use
 Commercial use
 Community use
 Industrial use
 Institutional use
 Parkland use
 Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

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"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)
6168 Ninth Line, Mississauga, Ontario
Part of Lots 6 and 7, Concession 9, Trafalgar New Survey
Part 4, 20R13255, City of Mississauga

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1854	Crown	Assumed agricultural	Agricultural or other use	None
1854	Adam Adamson and Isaac Askins	Assumed agricultural	Agricultural or other use	According to the 1854 County Atlas the property was owned partly by Adam Adamson and partly Isaac Askins
1880	Mrs. I Kelly	Assumed agricultural	Agricultural or other use	According to the 1880 County Atlas, the property appears to be owned by Mrs. I. Kelly.
1954	Private Owner	Assumed agricultural	Agricultural or other use	According to the 1954 aerial photograph, no structures are present on the parcel.
1966	Private Owner	Assumed agricultural and residential.	Residential	A residential building was observed on the 1966 aerial photograph on the southeastern portion of the property (Site Building D)
1975	Private Owner	Windermere Stables, a farm, operated on the property, as well as a residential building.	Residential	Two stables (Site Buildings E and F) have been constructed behind Site Building A on the southeast portion of the property. Windermere stables is listed on this property in the City Directories.
1977	Private Owner	Residential	Residential	Windermere Stables is no longer listed at the property in the City Directories.
1985	Private Owner	Residential	Residential	The City Directories list the property for residential use.

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1992	Private Owner	Residential	Residential	None
2000	Private Owner	Residential	Residential	Private Owner
2004	Private Owner	Vacant	Agriculture or other use	According to the 2004 aerial photograph, all buildings on the property have been demolished.
2006	Private Owner	Vacant	Agriculture or other use	Private Owner
2007	Derry Britannia Developments Limited – Present.	Vacant	Agriculture or other use	Derry Britannia Developments Limited acquired the property on October 31, 2007.

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

Agriculture or other use
 Commercial use
 Community use
 Industrial use
 Institutional use
 Parkland use
 Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

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"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)
6136 Ninth Line Mississauga, Ontario
Part of Lot 6, Concession 9, Trafalgar New Survey, Part 2,
20R10482, Except Part 1, 20R10482, City of Mississauga

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1854	Crown	Assumed agricultural	Agricultural or other use	None
1854	Isaac Askins	Assumed agricultural	Agricultural or other use	According to the 1854 County Atlas, the property was owned by Isaac Askins
1880	William Nunan	Agricultural	Agricultural or other use	According to the 1880 County Atlas, an orchard is located on the southern portion of the property.
1936	Private Owner	Agricultural and residential	Residential	According to previous reports, a residential building was constructed on the property.
1954	Private Owner	Agricultural and residential	Residential	According to the 1954 aerial photograph, a residential building (Site Building G) a barn (Site Building H) and a driveshed (Site Building I) have been constructed on the property.
1966	Private Owner	Agricultural and residential	Residential	None
1975	Private Owner	Agricultural and residential	Residential	None
1985	Private Owner	Agricultural and residential	Residential	The 1985 aerial photograph shows a drive shed (Site Building I) has been constructed west of Site Building H.
1992	Private Owner	Agricultural and residential	Residential	A stormwater management pond has been constructed on the property, as seen in the 1992 aerial photograph.

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
2000	Private Owner	Agricultural and residential	Residential	A secondary stormwater management pond is present on the property, as observed in the 2000 aerial photograph.
2004	Private Owner	Agricultural and residential	Residential	None
2006	Private Owner	Vacant	Agricultural or other use	Site Building I has been demolished, according to the 2006 aerial photograph.
2007	Derry Britannia Developments Limited	Vacant	Agricultural or other use	The property was acquired by Derry Britannia Developments Limited on October 31, 2007.
2012	Derry Britannia Developments Limited	Vacant	Agricultural or other use	Site Building H has been partially demolished, according to the 2012 aerial photograph.
2015	Derry Britannia Developments Limited - Preseant	Vacant	Agricultural or other use	Site Building G has been demolished, according to the 2015 aerial photograph.

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

- Agriculture or other use
- Commercial use
- Community use
- Industrial use
- Institutional use
- Parkland use
- Residential use

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