

Phase One Environmental Site Assessment

Part Lot 11 Concession 4
Milton, Ontario

Prepared For:

Branthaven Development
720 Oval Court
Burlington, Ontario
L7L 6A9

DS Project No : 24-165-100
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DS CONSULTANTS LTD.
6221 Highway 7, Unit 16
Vaughan, Ontario, L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Executive Summary

DS Consultants Ltd. (DS) was retained by Branthaven Development (the “Client”) to conduct a Phase One Environmental Site Assessment (ESA) of the Property described as “Ashley Oak Lands”, Part Lot 11 Concession 4, Milton, Ontario, herein referred to as the “Phase One Property” or “Site”. It is DS’s understanding that this Phase One ESA has been requested for due diligence purposes related to the proposed acquisition of the property for residential redevelopment. It is further understood that this report may be used to support site plan approval applications and that the proposed development will consist of primarily low-rise buildings with some mid-rise structures with two levels of underground parking.

The Phase One Property is a 1.198-hectare (2.96 acres) parcel of land situated within a primarily residential and institutional neighbourhood in the Town of Milton, Ontario. The Phase One Property is located approximately 133 m northwest of the intersection of Derry Road West and Sauve Street.

The intended future residential property use is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended) than the historic agricultural use; 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.

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 scope of work completed as part of the Phase One ESA included a review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, interviews with available individuals with knowledge of the current and former site activities, an inspection of the Phase One Property and activities on the adjacent properties and an evaluation of the information obtained with respect to potential concerns associated with the activities identified. 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 testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

Based on the records reviewed as part of the Phase One ESA, DS presents the following findings:

- ◆ The Phase One Property was historically used for agricultural purposes, predating the earliest available County Atlas of 1858. A barn was subsequently constructed on the property between 1946 and 1954, and was demolished by 2004. A shed was constructed on the Property between 1974 and 1980, and was demolished by 2004. The Phase One Property is currently vacant. In 2016, a cul-de-sac associated with Beacham Court (west neighbouring residential subdivision) was constructed into the Phase One Property. It appears that fill material was imported for grading purposes at this time.
- ◆ The topography of the Phase One Property is generally flat, with a surface elevation of 201 metres above sea level (masl). The topography within the Phase One Study Area generally slopes to the east, towards Middle Sixteen Mile Creek located east adjacent to the Phase One Property. The nearest body of water is Middle Sixteen Mile Creek. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 0.09 to 2.94 m. The shallow groundwater flow direction on the Phase One Property is inferred to be southeasterly towards Middle Sixteen Mile Creek which traverses the Phase One Property in a north-to-south orientation. Long term groundwater monitoring would be required in order to confirm the direction of groundwater flow on the Phase One Property;
- ◆ The Site is situated within a bevelled till plain physiographic region. The surficial geology on the western and eastern portion of the Site is described as “fine-textured glaciolacustrine deposits with silt and clay, minor sand and gravel, interbedded silt and clay and gritty, pebbly flow till and rainout deposits” and the central portion of the Site is described as “modern alluvial deposits with clay, silt, gravel, may contain organic remains”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. Based on a review of “Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, prepared by Ontario Geological Survey, published 2006,” the bedrock in the vicinity of the Site is anticipated to be encountered at a depth of approximately 9 metres below ground surface (mbgs).
- ◆ The following potentially contaminating activities were identified on the Phase One Property which are considered to be contributing to Areas of Potential Environmental Concern (APECs):
 - An orchard was depicted in the northwest corner of the property in the 1880 County Atlas. It is possible that environmentally persistent pesticides were applied to the former orchard **(PCA-2)**;
 - The cul-de-sac built on the northwestern portion of the property appears to have utilized fill from unknown source for grading purposes **(PCA-4)**; and
 - Seasonal de-icing activities are likely to occur on the cul-de-sac on-Site **(PCA-5)**.

- ◆ The neighbouring properties within the Phase One Study Area appear to have been used for residential and agricultural purposes since 1858, and institutional purposes since 2013.

Based on the information obtained as part of this investigation, five (5) PCAs were identified on, in, or under the Phase One Property, three (3) of which were considered to be contributing to three (3) APEC on, in or under the Phase One Property. A summary of the PCA identified and the associated APEC is provided in Table E-1 below. Note that the PCA numbers used below are per Table 2, Schedule D of O.Reg. 153/04.

Table E-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	West portion of Property	#40 - Pesticides Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-2	Metals, As, Sb, Se, CN-, Hg, OCPs	Soil
APEC-2	North and central portions of Property	#30 - Importation of Fill Material of Unknown Quality	On Site PCA-4	Metals, As, Sb, Se, B-HWS, CN-, Cr (VI), Hg, low or high pH, PAHs	Soil
APEC-3	South Portion of Property	#N/S – Seasonal De-Icing Activities	On Site PCA-5	EC, SAR	Soil
				Na, Cl-	Groundwater

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

The PCAs identified in Table E-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 Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, Na, Cl-, low or high pH, SAR, PAHs, and OCPs. Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA is 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.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by Branthaven Development to complete a Phase One ESA of the Property described as Part Lot 11 Concession 4, Milton, Ontario, herein referred to as the “Phase One Property” or “Site”. It is DS understanding that this Phase One ESA has been requested for due diligence purposes related to the proposed acquisition of the property for residential redevelopment. It is further understood that this report may be used to support site plan approval applications and that the proposed development will consist of primarily low-rise buildings with some mid-rise structures with two levels of underground parking.

The intended future residential property use is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended) than the historic agricultural use; 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.

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 objective 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.

1.1 Phase One Property Information

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

Table 1-1: Phase One Property Information

Criteria	Information	Source
Legal Description	PART LOT 11 CONCESSION 4 TRAFALGAR NEW SURVEY, PART 1, 20R16000 SAVE AND EXCEPT PART 1, 20R16679 AND EXCEPT PLAN 20M1213; SUBJECT TO AN EASEMENT IN GROSS OVER PT 2 PL 20R20555 AS IN HR1392176; SUBJECT TO AN EASEMENT IN GROSS OVER PT 3 PL 20R20555 AS IN HR1392177; TOWN OF MILTON	Land Registry Office
Property Identification Number (PIN)	25074-2932	Land Registry Office

Criteria	Information	Source
Municipal Address	No Municipal Address	Town of Milton Interactive Maps – Address Point
Zoning	Residential Area	Town of Milton Official Plan, Schedule B, Urban Area Land Use Plan
Property Owner	Ashley Oaks Homes Inc.	Land Registry Office
Property Owner Contact Information	Collin Rauscher 720 Oval Court Burlington, Ontario, L7L 6A9 Phone: 905.333.8364 ext. 265 Email: crauscher@branthaven.com	Client
Current Site Occupants	Agricultural Field	Phase One Site Reconnaissance
Site Area	1.198 hectares (2.96acres)	Land Registry Office
Centroid UTM Coordinates	Northing: 4819654 Easting: 593367 Zone: 17T	Google Earth

1.2 Site Description

The Phase One Property is an irregularly shaped 1.198-hectare (2.96 acres) parcel of land situated within a primarily residential and institutional neighbourhood in the Town of Milton, Ontario. The Phase One Property is located approximately 133 m northwest of the intersection of Derry Road West and Sauve Street and was occupied by agricultural fields at the time of this investigation. A Site Location Plan is provided in Figure 1.

For the purposes of this report, Derry Road is assumed to be aligned in an east-west orientation, and Fourth Line in a north-south orientation. A Plan of Survey for the Phase One Property was not provided at this time.

At the time of this investigation, the ground cover on the Site was primarily vegetation. No structures were present. A Site Plan is provided in Figure 2.

2.0 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 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
 - General site conditions, including topography and drainage, standing water, right-of-ways, 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.

3.0 Records Review

3.1 General

3.1.1 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 metre 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, parkland, and institutional 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 6.2. A plan depicting the Phase One Study Area limits as well as the current land uses is presented in Figure 3.

3.1.2 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. Based on the information obtained, the first developed use of the Phase One Property was for residential purposes and occurred between 1954 and 1962.

3.1.3 Fire Insurance Plans

Fire insurance plans were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken by Opta Intelligence Inc (Opta). There were no FIPs available for the Phase One Property or the surrounding Study Area.

3.1.4 Chain of Title

A Chain of Title search was not provided by the Client at the time of the investigation. Information regarding the historical use of the Site was obtained from alternate sources, including the City Directories, Aerial Photographs, and the Phase One Interview.

3.1.5 Environmental Reports

No previous reports were provided to DS for review.

3.1.6 City Directories

Environmental Risk Information Services Ltd. (ERIS) was commissioned to complete a search of available City Directories. Records were available for the years 1958 to 2021 and were retrieved at approximately 5-year intervals.

The Phase One Property was not listed in the City Directories. The adjacent properties generally appeared to have been used for institutional and residential purposes. No listings in the City Directories were noted by DS to be of potential environmental concern.

3.2 Environmental Source Information

3.2.1 Eris Report

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 Environmental Risk Information Services Ltd. (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. ERIS searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the databases provided by ERIS is provided in the Table below:

Table 3-1: 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 Defense & Canadian Forces Spills; National Defense & 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	Private 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;	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;

TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System
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The ERIS report indicated that there was one (1) listing for the Phase One Property, and 46 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 3-2: Summary of ERIS Report Findings on Phase One Property

Database/Date	Entry Details	PCA ID No.
Water Well Information System (WWIS)	One monitoring well is located on the Phase One Property.	No PCA

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

Database/Date	Entry Details	PCA ID No.
ERIS Historical Searches (EHS)	Fifteen (15) listings were identified for ERIS Historical Searches within the Phase One Study Area. No environmental concerns were identified in the ERIS historical searches.	N/A
Fuel Oil Spills and Leaks (INC)	A private residence at 9980 Derry Road, approximately 200 m southeast of the Site, reported a fuel oil leak of less than 20 L on November 28, 2011.	PCA-1
	A propane incident occurred at a private dwelling located at 607 4 th Line that resulted in the discharge of propane in 2015. Based on the nature of the gas released, it is not considered an environmental concern.	No PCA
	A natural gas leak resulting in vapour release was reported at 1269 Ruddy Crescent in 2013. Based on the nature of the gas released, it's not considered an environmental concern.	No PCA
	A propane incident occurred at 690 Sauve Street that resulted in the discharge of propane in 2015. Based on the nature of the gas released, it is not considered an environmental concern.	No PCA
Ontario Regulation 347 Waste Generator Summary (GEN)	Halton District School Board [Irma Coulson Public School] located at 625 Sauve Street was associated with five (5) registered waste generation listings for “paint/pigment/coating residues”, “inorganic laboratory chemicals”, “waste compressed gases”, “waste oils & lubricants”, “organic laboratory chemicals”, “alkaline wastes – heavy metals” in 2016 and “waste oils & sludges (petroleum based)” in 2018, 2020, 2021 and 2022. This is not considered to be of environmental concern due to the nature of activities involved with the operation of an elementary school.	No PCA
Ontario Spills (SPL)	A private residence at 9980 Derry Road, approximately 200 m southeast of the Site, reported a 30-liter fuel oil spill on November 28, 2011. The spill discharged into municipal, private, and commercial sewage systems. The receiving media included soil and surface water. The spill originated from an indoor fuel oil tank leak; soil contamination was not expected.	PCA-1

Database/Date	Entry Details	PCA ID No.
	A service line was struck at 607 4 th Line resulting in a discharge of natural gas (methane) into the air in 2023. Based on the nature of the gas released, it's not considered an environmental concern.	No PCA
	Union Gas Limited located at 620 & 630 Sauve Street reported a discharge of natural gas (methane) into the air in 2023 due to a sign falling on a gas riser/station for 2 apartment buildings during a storm. Based on the nature of the gas released, it's not considered an environmental concern.	No PCA
	Union Gas Limited located at 638 Murray Meadows reported a natural gas (methane) pipeline strike in 2013. Based on the nature of the gas released, it's not considered an environmental concern.	No PCA
Pipeline Incidents (PINC)	Northern Ontario Medical School located at 638 Murray Meadows Place reported a pipeline incident in 2013.	No PCA
	A natural gas pipeline strike was reported at 496 Alymer Crescent in 2014.	No PCA
Record of Site Condition (RSC)	<p>EXP Services Inc. filed an RSC for the property located at 9980 Derry Road, approximately 200 m southeast of the Site in 2022. The RSC was filed for the redevelopment of a residential property to an institutional property. The RSC ID is 234431 and the following information was noted from the Phase Two CSM:</p> <ul style="list-style-type: none"> • A fuel oil AST (installed in 2011) was used to power the fuel-oil furnace. Before 2011 the AST is reported to have been stored inside the furnace room. • The groundwater aquifer identified on the property was found to range between 0.09 to 2.94 mbgs in three (3) monitoring wells. The groundwater flow direction was interpreted to be south-southwest. Bedrock was not encountered during the investigation but is assumed to be encountered at approximately 12 mbgs based on a review of geology data. • The RSC property includes or is adjacent to an area of natural significance or part of such area. <p>Soil and groundwater samples were submitted for analysis of PHCs (incl. BTEX). All parameters met Table 1 SCS with the exception of PHC F2 and F3 in soil. A remedial excavation was conducted, and confirmatory sampling was completed which met Table 1 SCS. The excavation measured approximately 7 m in length, 6 m in width and 2-3 m in depth.</p>	PCA-1
	<p>Pinchin filed an RSC for the property located at 9655 Derry Road West and 0 Costigan Road, west adjacent to the Site in 2016. The RSC was filed for the redevelopment of a commercial property into a residential property. The RSC ID is 221791 and the following information was noted from the Phase One CSM:</p> <p>The Site had been utilized for small-scale agricultural purposes since at least 1946 until 2004. The Site was developed in 2008 with a 2-storey vacant model home and a temporary trailer utilized as a home sales centre.</p>	No PCA
TSSA Historic Incidents (HINC)	A natural gas pipeline strike was reported at 693 Caldwell Crescent in 2007. Based on the nature of the gas released it's not considered an environmental concern.	No PCA

Database/Date	Entry Details	PCA ID No.
	A natural gas pipeline strike was reported at 1260 Costigan Road in 2008. Based on the nature of the gas released it's not considered an environmental concern.	No PCA
Water Well Information System (WWIS)	Ten (10) well records were available consisting of three (3) monitoring wells, (6) abandoned or other wells and one (1) well for unknown use were identified within the Phase One Study Area.	No PCA

3.2.2 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office (Appendix D) to determine if there were any environmental incidents or violations associated with the Phase One Property; 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 has not yet been received from the MECP. The client will be made aware of any records identified by the MECP file search, when a response is received from the Ministry.

3.2.3 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) maintains 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 30, 2024, from Ms. Sherees of TSSA, no records for the Phase One Property and properties located in the Study Area at the following inquired addresses:

- 625 Sauve Street, Milton
- 9980 Derry Road, Milton
- 500 Cedar Hedge Road, Milton

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

3.2.4 Areas of Natural and Scientific Interest

The Natural Heritage Areas database published by the Ministry of Natural Resources (MNR) was reviewed 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 Town of Milton and Region of Halton Official Plans were also reviewed as part of this assessment.

A review of these databases listed the Bank Swallow and Bobolink as threatened; and Wood Thrush, Eastern Wood-pewee, and Snapping Turtle as species of special concern within 1 km of the Phase One Property.

According to the MNRF, the Bank Swallow is a bird that builds nests on natural and human-made structures and many nests are on banks of rivers and lakes. The Bobolink is a bird that lives in various grassland habitats. The Wood Thrush is a bird that lives in mature deciduous and mixed forests and prefers large forests but will also use smaller stands of trees. Eastern Wood-pewee is a bird that lives in the mid-canopy layer of forest clearings and edges of mixed forests. The Snapping Turtles are aquatic species that are found in small streams with slow-moving water. As the Phase One Property is an undeveloped parcel of land located within a primarily developed residential/parkland/institutional neighbourhood, it might provide a viable habitat for such species.

If required, an environmental specialist could be retained to undertake a site-specific ecological assessment, however, at this time further assessment is not warranted.

Based on a review of the Urban Area Land Use Plan, Schedule B, of the Town of Milton's Official Plan and Key Features within the Greenbelt and Regional Natural Heritage System, Map 1G, of the Region of Halton's Official Plan, a Natural Heritage System is present traversing the east boundary of the Site. As such, the Site is considered to be environmentally sensitive, as defined in Section 41 of O.Reg. 153/04 (as amended).

3.2.5 Halton Region Conservation Authority (HRCA)

According to the HRCA online mapping system, the Middle Sixteen Mile Creek traverses the east boundary of the Site. The Phase One Property is located in the Sixteen Mile Creek watershed.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1946, 1954, 1962, 1974, 1980 and 1988 were obtained from the City of Toronto Online Mapping and reviewed as part of this assessment. The Halton County Atlas was reviewed to provide a more historical image from the years 1858 and 1880. Google Earth was used to review satellite imagery from the years 2004, 2013, 2016, 2019 and 2023. 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 3-4: Summary of Aerial Photographs

Location	Observations	PCA ID No.
1858		
Phase One Property	According to the Halton County Atlas from 1858, the Site was part of a larger parcel owned by Wm Caldwell. The Site was undeveloped or used for agricultural purposes.	No PCA
North and West of the Site	The north and west adjacent properties appear to be undeveloped or used for agricultural purposes.	No PCA
South of the Site	The south adjacent property appears to be undeveloped or used for agricultural purposes. Derry Road is visible to the south.	No PCA
East of the Site	Middle Sixteen Mile Creek was depicted on the east adjacent property. The remaining area of the property appears to be undeveloped and used for agricultural purposes.	No PCA
1880		
Phase One Property	No significant changes.	No PCA
North of the Site	A structure and orchard are depicted north of the Site.	PCA-3
East, South and West of the Site	No significant changes.	No PCA
1946		
Phase One Property	A structure appears on the east portion of the Site. An orchard appears on the west portion of the Site. A laneway traverses the central portion of the Site from east to west.	PCA-2
North of the Site	The north adjacent property contains an orchard and a rural house.	PCA-3
East, South and West of the Site	The east, south and west adjacent properties appear to be used for agricultural purposes.	No PCA
1954, 1962		
Phase One Property	No significant changes.	No PCA
North, South and West of the Site	No significant changes.	No PCA
East of the Site	A creek appears east adjacent to the Site.	No PCA
1974, 1980, 1988		
Phase One Property	A second structure appears on the central portion of the Site.	No PCA
North, South, East, West of the Site	No significant changes.	No PCA
2004		
Phase One Property	The orchard and structures no longer appear on the Site.	No PCA
North and West of the Site	No significant changes.	No PCA
South of the Site	Two (2) individual structures appear south of Derry Road.	No PCA
East of the Site	A residential subdivision was developed east of Fourth Line.	No PCA
2013		
Phase One Property	No significant changes.	No PCA
North of the Site	A stormwater pond appears north of the Site.	No PCA
East of the Site	A residential house appears east of the Site.	No PCA
South of the Site	Two (2) structures south of Derry Street were demolished. A large structure (Irma Couslon Public School) was constructed west of Sauve Street. Visible grading was depicted east of Sauve Street.	No PCA
West of the Site	Visible grading was depicted west of the Site, and a residential subdivision was depicted further west.	No PCA

Location	Observations	PCA ID No.
2016		
Phase One Property	A cul-de-sac was constructed on the northwestern portion of the property appears to have utilized fill from unknown source for grading purposes	PCA-4
North, East and West of the Site	No significant changes.	No PCA
South of the Site	A cluster of mid-rise residential buildings were constructed east of Sauve Street.	No PCA
2019		
Phase One Property	No significant changes.	No PCA
North of the Site	No significant changes.	No PCA
East of the Site	The structure north of the Site was demolished and a large structure (Dyane-Adam Elementary School) was constructed.	No PCA
2023		
Phase One Property	No significant changes.	No PCA
North, East, South and West of the Site	No significant changes.	No PCA

3.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally flat, with a surface elevation of 201 metres above sea level (masl). The topography within the Phase One Study Area generally slopes to the east, towards Middle Sixteen Mile Creek located east adjacent to the Phase One Property. The nearest body of water is Middle Sixteen Mile Creek. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 0.09 to 2.94 m. The shallow groundwater flow direction on the Phase One Property is inferred to be southeasterly towards Middle Sixteen Mile Creek which traverses the Phase One Property in a north-to-south orientation.

The Site is situated within a bevelled till plain physiographic region. The surficial geology on the western and eastern portion of the Site is described as “fine-textured glaciolacustrine deposits with silt and clay, minor sand and gravel, interbedded silt and clay and gritty, pebbly flow till and rainout deposits” and the central portion of the Site is described as “modern alluvial deposits with clay, silt, gravel, may contain organic remains”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. Based on a review of “Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, prepared by Ontario Geological Survey, published 2006,” the bedrock in the vicinity of the Site is anticipated to be encountered at a depth of approximately 9 metres below ground surface (mbgs).

3.3.3 Fill Materials

Fill material may have been placed for grading purposes at the time of construction of the cul-de-sac (PCA-4).

3.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was not observed on the Property. The nearest body of water to the Phase One Property is Middle Sixteen Mile Creek, east adjacent to the Site. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities have 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 Property is within 30 m of a waterbody. Additional details are provided in Section 3.2.4 above.

3.3.5 Well Records

Water well records were also searched as part of the ERIS database query. One (1) monitoring well record was available for the Phase One Property. A total of ten (10) wells were listed within the Phase One Study Area including three (3) monitoring wells, six (6) abandoned wells or other wells, and one (1) well for unknown use.

Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix C.

3.4 Site Operating Records

The Property includes no structure and has mainly been used for agricultural purposes. No operating records were available.

4.0 Interviews

4.1 Personnel Interviewed

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

Table 4-1: Summary of Personnel Interviewed

Date	Name	Affiliation	Method of Interview
September 10, 2024	Drago Vuckovic	Owner	Email Questionnaire

4.2 Interviewee Rationale

Ashley Oaks Homes Inc. is the current occupant of the Site and have been responsible for site operations since December 2003. Mr. Vuckovic is considered to be the most knowledgeable person regarding the historical site operations. The Phase One Interview was conducted by Mr. Nicolas Hehl, B.Sc., under the supervision of Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

4.3 Results of Interview

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

- The Phase One Property has been owned by Ashley Oak Homes Inc since December 2003.
- Mr. Vuckovic is unaware of any above or underground storage tanks, hazardous materials, chemical spills, fires or fill material of unknown quality occurring on the Property.
- According to Mr. Vuckovic, the property is currently vacant land and has historically been used for agricultural purposes.
- No vehicle maintenance, chemical spills, or fires have occurred on the Property to Mr. Vuckovic’s knowledge.
- No pesticides or herbicides have been used on the Site to Mr. Vuckovic’s knowledge.
- No fill material has been placed on the Phase One Property to Mr. Vuckovic’s knowledge.

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.

5.0 Site Reconnaissance

5.1 General Requirements

Table 5-1: Site Reconnaissance Notes

Information	Details
Date of Investigation:	September 10, 2024
Time of Investigation:	2:30pm
Weather Conditions:	Sunny
Duration of Investigation:	1 hour
Facility Operation:	Vacant
Name and Qualification of Person(s) conducting the assessment	Isabel Bowers, PGCert, BES, under the supervision of Patrick Fioravanti, B.Sc., P.Geo., QP _{ESA}
Limitations	No limitations

5.2 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 5-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	None observed.
ii.	Description of the number, age and depth of below-ground structures	None 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	None observed.
iv.	Potable and non-potable water sources	None observed.
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.	None observed.
Features of Structures and Buildings at the Phase One Property		
i.	Entry and exit points	None observed.
ii.	Details of existing and former heating systems, including type and fuel source	None observed.
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	None observed.
v.	Details of any unidentified substances	None observed.
vi.	Details, including locations of stains 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>	None observed.
viii.	Details of sewage works, including their location	None observed.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	The majority of the Site was covered with agricultural fields, with the exception of the cul-de-sac associated with Beacham Court.
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 material may have been placed for grading purposes when the cul-de-sac was constructed (PCA-4).

xiv. Potentially contaminating activity	Fill material may have been placed for grading purposes when the cul-de-sac was constructed (PCA-4). Seasonal De-Icing activities likely occur along Beacham Ct and Rusk Ave (PCA-5).
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)	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: <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 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.
Hazardous Materials	
i. Asbestos containing materials	None observed.
ii. Lead containing materials	None observed.
iii. PCB materials and equipment	None observed.
iv. Urea Formaldehyde Foam Insulation (UFFI)	None observed.
v. Ozone Depleting Substances (ODS)	None observed.
vi. Herbicides and Pesticides	A former orchard was located on the Property which may have been subject to pesticide use (PCA-2).
vii. Mould	None observed.
viii. Mercury	None observed.
ix. acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	None observed.
x. Pits and Lagoons	None observed.
xi. Air Emissions	None observed.
xii. Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.

5.3 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, parkland and institutional, as described in the table below:

Table 5-3: Summary of Site Reconnaissance Observations within Phase One Study Area

Observation	Details
Phase One Property	The Phase One Property was vacant at the time of the site reconnaissance, and was previously used for residential purposes. The orientation of the former Site Building is depicted on Figure 2.
North Adjacent Property	The north adjacent Property was occupied by a stormwater retention pond at the time of the site reconnaissance, and was used for community purposes.
East Adjacent Property	The east adjacent Property was occupied by Sixteen Mile Creek and a school at the time of the site reconnaissance, and was used for institutional purposes.
South Adjacent Property	The south adjacent Property was occupied by agricultural fields at the time of the site reconnaissance, and was used for agricultural purposes.
West Adjacent Property	The west adjacent Property was occupied by a residential subdivision at the time of the site reconnaissance, and was used for residential purposes.
Water Bodies	Middle Sixteen Mile Creek traverses east adjacent to the Phase One Property.
Areas of Natural Significance	Refer to Section 3.2.4.

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 6.2. A visual depiction of the PCAs identified within the Phase One Study Area is provided under Figure 4.

6.0 Review and Evaluation of Information

6.1 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. The table of Current and Past Uses was not completed as part of the Phase One ESA.

6.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may be 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 4.

Table 6-1: Summary of PCAs

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-1	#28 - Gasoline and Associated Products Storage in Fixed Tanks	A private residence at 9980 Derry Road, approximately 55 meters south of the Site, reported a 30-liter fuel oil spill on November 28, 2011. The spill discharged into municipal, private, and commercial sewage systems. The receiving media included soil and surface water. The spill originated from an indoor fuel oil tank leak; soil contamination was not expected. An RSC was obtained for the property in 2022 after a remedial excavation.	No - Due to distance and down-gradient orientation
PCA-2	#40 - Pesticides Manufacturing, Processing, Bulk Storage and Large-Scale Applications	An orchard was depicted in the northwest corner of the property in the 1880 County Atlas. It is possible that environmentally persistent pesticides were applied to the former orchard	Yes – APEC-1
PCA-3	#40 - Pesticides Manufacturing, Processing, Bulk Storage and Large-Scale Applications	The 1880 County Atlas and aerial imagery indicates a former orchard northeast of the Site until 2004.	No – Due to distance and trans-gradient orientation
PCA-4	#30 – Importation of Fill Material of Unknown Quality	Fill material may have been placed for grading purposes at the time of construction of the cul-de-sac.	Yes – APEC-2
PCA-5	#N/S – Seasonal De-Icing Activities	Seasonal de-icing activities likely occur at the roadway on the west portion of the Site.	Yes – APEC-3

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

6.3 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 6-2: Summary of APECs

Area of Potential Environmental Concern	Location 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	West portion of Property	#40 - Pesticides Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-2	Metals, As, Sb, Se, CN-, Hg, OCPs	Soil
APEC-2	North and central	#30 - Importation of Fill Material of Unknown Quality	On Site PCA-4	Metals, As, Sb, Se, B-HWS, CN-, Cr (VI),	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)
	portions of Property			Hg, low or high pH, PAHs	
APEC-3	South Portion of Property	#N/S – Seasonal De-Icing Activities	On Site PCA-5	EC, SAR Na, Cl-	Soil Groundwater

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

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.

6.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at Part Lot 11 Concession 4, Milton, Ontario. The Phase One Conceptual Site Model is presented in Figures 2, 3, 4, and 5 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

6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 4, and discussed in Section 6.2 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 6-3: Summary of PCAs Contributing to APECs

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-2	#40 - Pesticides Manufacturing, Processing, Bulk Storage and Large-Scale Applications	An orchard was depicted in the northwest corner of the property in the 1880 County Atlas. It is possible that environmentally persistent pesticides were applied to the former orchard	Yes – APEC-1
PCA-4	#30 – Importation of Fill Material of Unknown Quality	Fill material may have been placed for grading purposes at the time of construction of the cul-de-sac.	Yes – APEC-2
PCA-5	#N/S – Seasonal De-Icing Activities	Seasonal de-icing activities likely occur at the roadway on the west portion of the Site.	Yes – APEC-3

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

6.4.2 Contaminants of Potential Concern

A summary of the contaminants of potential concern identified for each respective APEC is presented in Table 6-1 above. The following contaminants of potential concern were identified for the Phase One Property: Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, Na, Cl-, low or high pH, SAR, PAHs, and OCPs.

6.4.3 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.

The depth to groundwater at the Phase One Property is inferred to be approximately 0.09 to 2.94 metres below ground surface, however utilities were not identified on the Phase One Property.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally flat, with a surface elevation of 201 masl. The topography within the Phase One Study Area generally slopes to the east, towards Middle Sixteen Mile Creek located east adjacent to the Phase One Property. The nearest body of water is Middle Sixteen Mile Creek. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 0.09 to 2.94 m. The shallow groundwater flow direction on the Phase One Property is inferred to be southeasterly towards Middle Sixteen Mile Creek which traverses the Phase One Property in a north-to-south orientation.

The Site is situated within a bevelled till plain physiographic region. The surficial geology on the western and eastern portion of the Site is described as “fine-textured glaciolacustrine deposits with silt and clay, minor sand and gravel, interbedded silt and clay and gritty, pebbly flow till and rainout deposits” and the central portion of the Site is described as “modern alluvial deposits with clay, silt, gravel, may contain organic remains”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. Based on a review of “Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, prepared by Ontario Geological Survey, published 2006,” the bedrock in the vicinity of the Site is anticipated to be encountered at a depth of approximately 9 mbgs.

6.4.5 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 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, with the exception of the MECP FOI request. If the MECP FOI request produces information which may alter the conclusions of this report, an addendum will be provided to the Client. 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 does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

7.0 Conclusions

DS conducted a Phase One ESA for the property identified as Part Lot 11 Concession 4, Milton, 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 objective 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 five (5) PCAs were identified within the Phase One Study Area, three (3) of which are considered to be contributing to three (3) APECs on, in or under the Phase One Property.

7.1 Phase Two Environmental Site Assessment Requirement

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).

7.2 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.

7.3 Limitations

This report was prepared for the sole use of Branthaven Development and is intended to provide an assessment of the environmental condition on the property identified as Part Lot 11 Concession 4, Milton, 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.

7.4 Qualifications of the Assessors

Megan Bender, B.E.S. EPT

Megan Bender is an Assistant Project Manager with DS Consultants Ltd. Megan holds a Bachelor's degree in Environmental Studies, specializing in environmental assessments, a minor in geography from the University of Waterloo and a Post Graduate Certificate in Environmental Engineering Applications from Conestoga College. Megan is registered as an Environmental Professional in training (EPT) with ECO Canada. Megan has been involved with Phase One and Phase Two

Environmental Site Assessments, remediation, excess soil management, data interpretation and reporting, and geotechnical projects.

Nicholas Hehl, B.Sc.

Mr. Hehl is an Assistant Project Manager with DS Consultants Limited and holds a Bachelor of Science in Biology from Wilfred Laurier University, as well as a Post Graduate Certificate in Environmental Engineering Applications from Conestoga College. Mr. Hehl has an educational background in geoscience theory as well as practical experience and training in the completion of Phase One and Phase Two Environmental Site Assessments.

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

Mr. Fioravanti is the Vice President of Environmental Services with DS Consultants Limited. Patrick holds an 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 a decade of environmental consulting experience and has conducted and/or managed hundreds of projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfield redevelopment in urban settings, and has 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).

7.5 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.



Megan Bender, B.E.S., EPT
Assistant Project Manager - Environmental

Nicholas Hehl, B.Sc.
Assistant Project Manager - Environmental



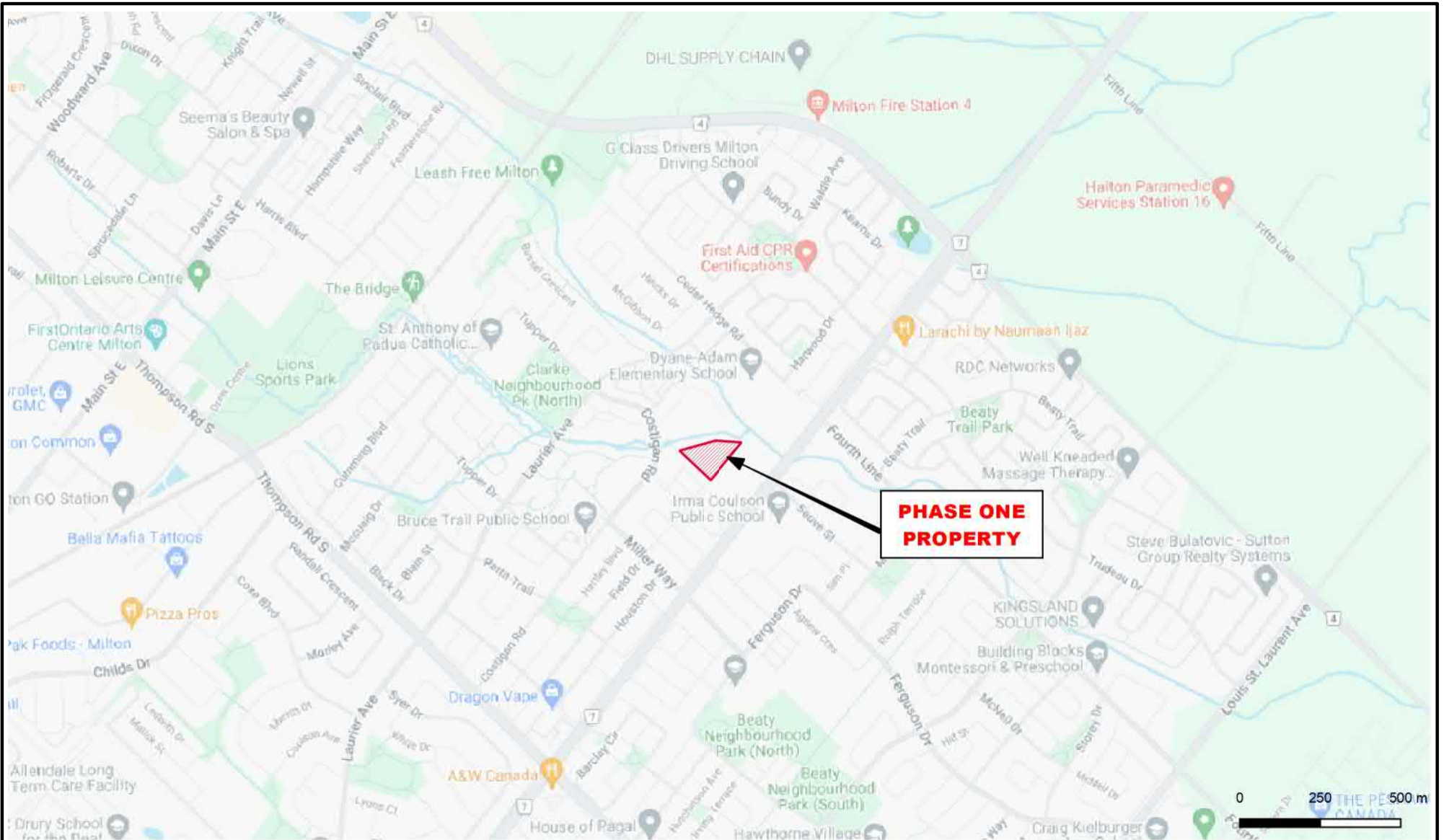
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Vice President – Environmental Services

8.0 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 Plan 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
- 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 2021 back to 1958
- Town of Milton online-services
- Halton Region online-services
- Environmental Risk Information Services (ERIS Report)



Figures



Legend

 Property Boundary



DS CONSULTANTS LTD.

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

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 Part Lot 11 Concession 4, Milton, ON

Title: **SITE LOCATION PLAN**



Client:
BRANTHAVEN DEVELOPMENT

Size: 8.5 x 11	Approved By: N.H	Drawn By: S.Y	Date: September 2024
-------------------	---------------------	------------------	-------------------------

Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: 1
-----------	--------------------	----------------------------	-------------------------

Image/Map Source: Google Streetmap Image





- Legend**
- Property Boundary
 - Natural Heritage Areas

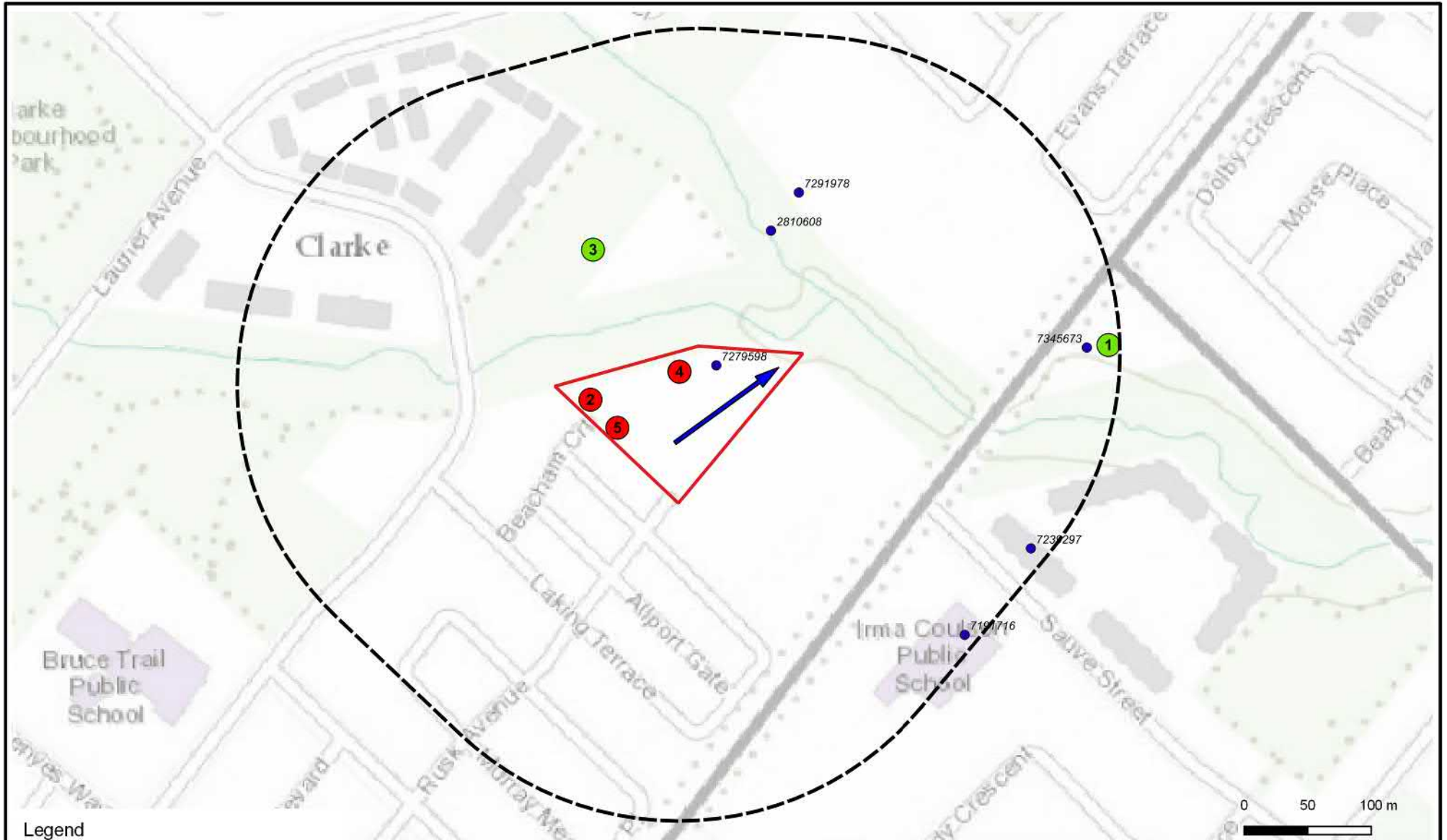
 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: PHASE ONE PROPERTY SITE PLAN			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P/S.Y	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: 2
Image/Map Source: Google Satellite Image				



Legend



- Property Boundary
- 250m Buffer
- Residential
- Institutional
- Agricultural or Other Use
- Parkland

 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: PHASE ONE STUDY AREA			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P/S.Y	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: 3
Image/Map Source: Google Satellite Image				





Legend

- Property Boundary
- 250m Buffer
- PCA not contributing to APEC
- PCA contributing to APEC
- Registered Water Well (MECP WWR)
- ➔ Inferred Groundwater Flow Direction

 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: PCAs WITHIN PHASE ONE STUDY AREA			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: 4
Image/Map Source: Esri Topo Image				



- Legend**
- Property Boundary
 - APEC-1
 - APEC-2 & 3

 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: APEC LOCATION PLAN			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: S.Y	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: 5
Image/Map Source: Google Satellite Image				



Appendix A

SKETCH SHOWING ELEVATIONS FOR ENGINEER'S USE

SCALE 1:1000
R-PE SURVEYING LTD., O.L.S.

METRIC

NOTES

- HANDWELL ○ DENOTES HANDWELL
- BOLLARD ○ DENOTES BOLLARD
- PCB □ DENOTES PEDESTRIAN CROSSING BUTTON
- CBX □ DENOTES COMMUNICATION BOX
- CB □ DENOTES CATCH BASIN
- FHY ○ DENOTES FIRE HYDRANT
- POST ○ DENOTES POST
- FENCE - - - DENOTES FENCE
- LS ○ DENOTES OVERHEAD WIRE
- LS ○ DENOTES LAMP STANDARD
- MHS ○ DENOTES MANHOLE
- MHS ○ DENOTES SANITARY MANHOLE
- MHS ○ DENOTES STORMWATER MANHOLE
- PIPE ○ DENOTES PIPE
- SIGN ○ DENOTES SIGN
- POLE ○ DENOTES POLE
- WMA ○ DENOTES GUY WIRE ANCHOR
- WMA ○ DENOTES TRAFFIC SIGNAL
- WMA ○ DENOTES UTILITY POLE
- WMA ○ DENOTES WATER VALVE
- CPAD ○ DENOTES CONCRETE PAD
- HV ○ DENOTES HYDRO VAULT

CAUTION

THIS IS NOT A PLAN OF SURVEY AND SHALL NOT TO BE USED EXCEPT FOR THE PURPOSE INDICATED IN THE TITLE BLOCK.

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NOTES

BOUNDARIES ARE NOT CERTIFIED BY THIS PLAN.

THE FIELD OBSERVATIONS REPRESENTED ON THIS PLAN WERE COMPLETED ON THE 11th DAY OF JULY, 2024

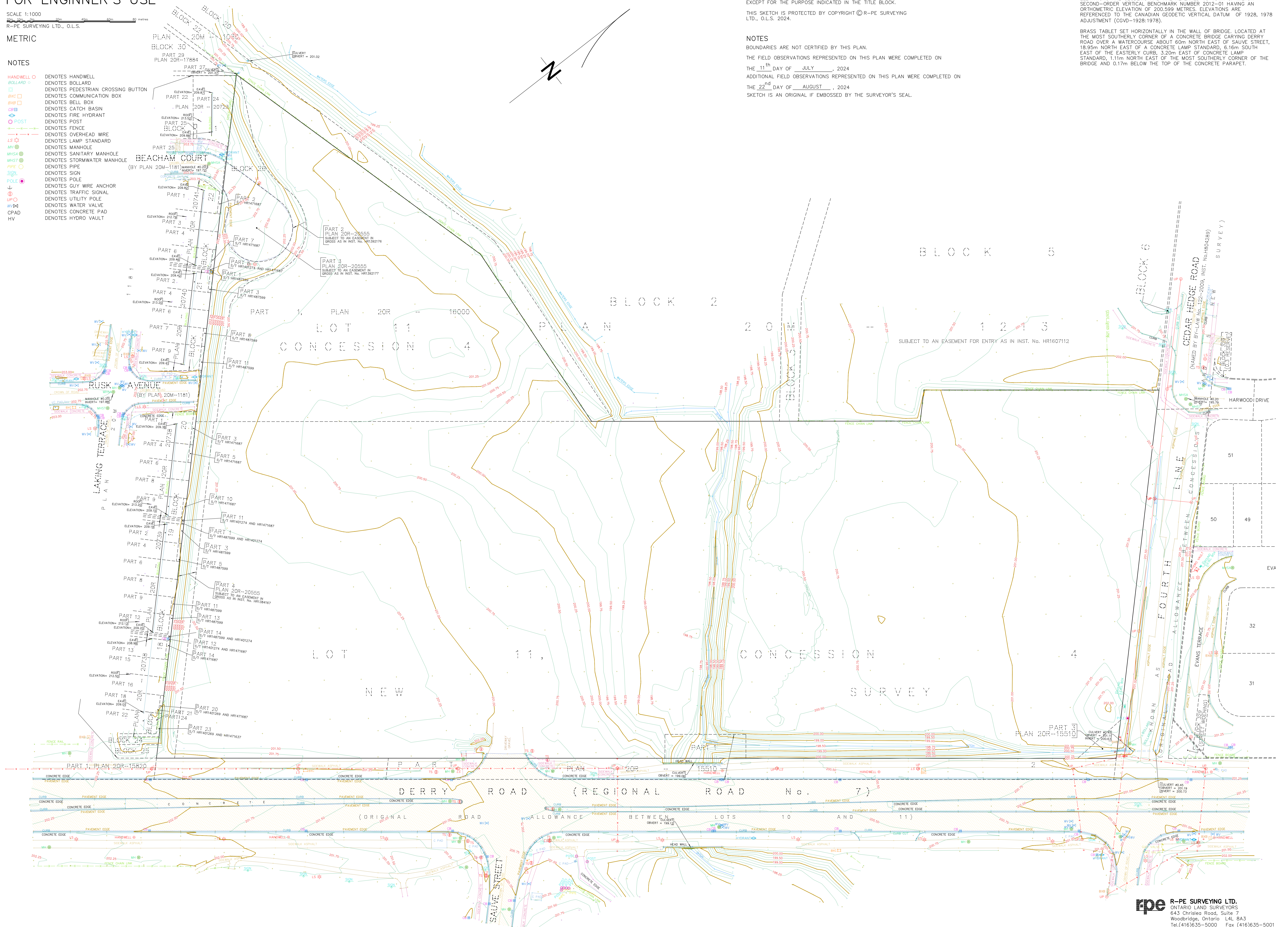
ADDITIONAL FIELD OBSERVATIONS REPRESENTED ON THIS PLAN WERE COMPLETED ON THE 22nd DAY OF AUGUST, 2024

SKETCH IS AN ORIGINAL IF EMBOSSED BY THE SURVEYOR'S SEAL.

BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO TOWN OF MILTON SECOND-ORDER VERTICAL BENCHMARK NUMBER 2012-01 HAVING AN ORTHOMETRIC ELEVATION OF 200.599 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928/1978).

BRASS TABLET SET HORIZONTALLY IN THE WALL OF BRIDGE, LOCATED AT THE MOST SOUTHERLY CORNER OF A CONCRETE BRIDGE CARRYING DERRY ROAD OVER A WATERCOURSE ABOUT 60m NORTH EAST OF SAUVE STREET, 18.95m NORTH EAST OF A CONCRETE LAMP STANDARD, 6.16m SOUTH EAST OF THE EASTERLY CURB, 3.20m EAST OF CONCRETE LAMP STANDARD, 1.11m NORTH EAST OF THE MOST SOUTHERLY CORNER OF THE BRIDGE AND 0.17m BELOW THE TOP OF THE CONCRETE PARAPET.





Appendix B



CITY
DIRECTORY

Project Property: *DeMarchi
DeMarchi
Milton, ON L9T 7J1*

Project No:

Requested By: *DS Consultants Ltd.*

Order No: *24052200487*

Date Completed: *May 28, 2024*

May 28, 2024
RE: CITY DIRECTORY RESEARCH
DeMarchi
Milton, ON L9T 7J1

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

475-500 of Cedar Hedge Road
9725-10025 of Derry Road W
1500-1600 of Evans Terrace
620-675 of Laking Terrace
600-650 of Sauve Street

Search Notes:

Search Results Summary

Data from 2012 to 2021 does not include residential information

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	COLE	
2001	POLKS	
1996	MIGHTS	
1991	MIGHTS	
1985	MIGHTS	
1981	MIGHTS	
1975	MIGHTS	
1970-1971	MIGHTS	
1966	MIGHTS	
1958	MIGHTS	

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

NO LISTING FOUND

NO LISTING FOUND

1532 A COLLABORATIVE EFFORT...NONCLASSIFIED ESTABLISHMENTS

NO LISTING FOUND

2021

SAUVE STREET

SOURCE: DIGITAL BUSINESS DIRECTORY

625 IRMA COULSON PUBLIC SCHOOL...SCHOOLS
640 ORIGIN HOLDINGS INC...ASSOCIATIONS
640 STAR LIMOS...LIMOUSINE SERVICE

2017

CEDAR HEDGE ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

2012

SAUVE STREET

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008

CEDAR HEDGE ROAD

SOURCE: COLE

475-500 STREET NOT LISTED

9725-10025

NO LISTINGS WITHIN RADIUS

● EVANS TERRACE

CT	620.00	1501 - 1601	SA
→	0	1501 - 1587	L9T0A1
→		1501 - 1601	L9T5J5
→		1522 - 1579	L9T5J4
1501	R Pickering		905.876.0144
	E Reid		905.203.3137
1502	James Van Rosi		905.876.3255
1503	1505;1506		NP
1507	S Merk		905.876.0602
1508	C Rioux		905.878.7344
1509	C Charlton	+	905.693.9346
1510	J Nelson		905.876.8997
1511	Iwona Grzebielueh	06	905.693.1025
1512	Gerry Steinke		905.875.2249
1513	C Drew		905.878.9934
1514	Gordon Schmandra		905.878.6808
1515			NP
1516	Jon Moreel	06	905.864.1650
1517	M Khan	+	905.864.6272
1519	J Morin		905.876.0238
1520	Thrina Cooper	06	905.875.4474
1521	S A Crawford		905.693.9337
1522	1523		NP
1524	I Bitti		905.876.9956
1525	K Jawdek		905.878.9267
1526			NP
1527	K Zepfel		905.875.1154
1528	I Rakowski	+	905.864.8653
1529	T Dobson		905.203.2212
	M Gancarz	06	905.875.9924
1530	J E Kelly		905.693.8881
1531	Luis Dasilva		905.693.8937
1532	T Smillie		905.878.6375
1534			NP
1536	J E Scidmore	06	905.876.2756
1537	A Fitkin	+	905.693.0398
1538			NP
1540	B Lampert	06	905.878.6110
1543	C Best	06	905.875.3678
1545			NP
1547	K Warner	06	905.876.9470
1549	J M Compton	+	905.878.8325
1551	L Mayhew	+	905.876.4791
	J Stockvald		905.875.2731
1553			NP
1555	R Plancha		905.693.0478
1557	D Lee	+	905.876.3224
1559			NP
1563	S Kumar	+	905.876.0104
1565	R Daros	06	905.864.6333
1567	M Curbelo		905.693.1010
1569	Andrea Dacosta	06	905.864.1050
1575	N Gajadar		905.876.4043
1577	F Oliveira		905.878.3697
1579	N Arnogan	06	905.878.6207
1581	S Cox		905.875.2641
1587	Rehan Yousufzal	06	905.864.6536
1589			NP
1591	D Williams		905.876.9019
1593	S Cantebell		905.878.9774
1595	B Cowan	+	905.876.9383
1597			NP
1599	L Caicco		905.693.0481
1601	A Basavarajaiah	06	905.875.1019
			63 RESIDENCE

620-675 STREET NOT LISTED

600-650 STREET NOT LISTED

475-500 STREET NOT LISTED

9725-10025 NO LISTINGS WITHIN RADIUS

1500-
1600 STREET NOT LISTED

620-675 STREET NOT LISTED

600-650 STREET NOT LISTED

475-500 STREET NOT LISTED

1996

DERRY ROAD W

SOURCE: MIGHTS

9725-
10025

NO LISTINGS WITHIN RADIUS

1996

EVANS TERRACE

SOURCE: MIGHTS

1500-
1600

STREET NOT LISTED

1996

LAKING TERRACE

SOURCE: MIGHTS

620-675 STREET NOT LISTED

1996

SAUVE STREET

SOURCE: MIGHTS

600-650 STREET NOT LISTED

1991

CEDAR HEDGE ROAD

SOURCE: MIGHTS

475-500 STREET NOT LISTED

1991

DERRY ROAD W

SOURCE: MIGHTS

9725-
10025 NO LISTINGS WITHIN RADIUS

1500-
1600 STREET NOT LISTED

620-675 STREET NOT LISTED

600-650 STREET NOT LISTED

475-500 STREET NOT LISTED

1985

DERRY ROAD W

SOURCE: MIGHTS

9725-
10025

NO LISTINGS WITHIN RADIUS

1985

EVANS TERRACE

SOURCE: MIGHTS

1500-
1600

STREET NOT LISTED

1985

LAKING TERRACE

SOURCE: MIGHTS

620-675 STREET NOT LISTED

1985

SAUVE STREET

SOURCE: MIGHTS

600-650 STREET NOT LISTED

1981

CEDAR HEDGE ROAD

SOURCE: MIGHTS

475-500 STREET NOT LISTED

1981

DERRY ROAD W

SOURCE: MIGHTS

9725-
10025 NO LISTINGS WITHIN RADIUS

1500-
1600 STREET NOT LISTED

620-675 STREET NOT LISTED

600-650 STREET NOT LISTED

475-500 STREET NOT LISTED

1975

DERRY ROAD W

SOURCE: MIGHTS

9725-
10025

NO LISTINGS WITHIN RADIUS

1975

EVANS TERRACE

SOURCE: MIGHTS

1500-
1600

STREET NOT LISTED

1975

LAKING TERRACE

SOURCE: MIGHTS

620-675 STREET NOT LISTED

1975

SAUVE STREET

SOURCE: MIGHTS

600-650 STREET NOT LISTED

1970- CEDAR HEDGE ROAD

1971

SOURCE: MIGHTS

475-500 STREET NOT LISTED

1970- DERRY ROAD W

1971

SOURCE: MIGHTS

9725-10025 NO LISTINGS WITHIN RADIUS

1970- EVANS TERRACE

1971

SOURCE: MIGHTS

1500- STREET NOT LISTED
1600

1970- LAKING TERRACE

1971

SOURCE: MIGHTS

620-675 STREET NOT LISTED

1970- SAUVE STREET

1971

SOURCE: MIGHTS

600-650 STREET NOT LISTED

1966 CEDAR HEDGE ROAD

SOURCE: MIGHTS

475-500 STREET NOT LISTED

9725-
10025

NO LISTINGS WITHIN RADIUS

1500-
1600

STREET NOT LISTED

1966

LAKING TERRACE

SOURCE: MIGHTS

620-675 STREET NOT LISTED

1966

SAUVE STREET

SOURCE: MIGHTS

600-650 STREET NOT LISTED

1958

CEDAR HEDGE ROAD

SOURCE: MIGHTS

475-500 STREET NOT LISTED

1958

DERRY ROAD W

SOURCE: MIGHTS

9725-
10025 NO LISTINGS WITHIN RADIUS

1958

EVANS TERRACE

SOURCE: MIGHTS

1500-
1600

STREET NOT LISTED

1958

LAKING TERRACE

SOURCE: MIGHTS

620-675 **STREET NOT LISTED**

600-650 STREET NOT LISTED



Appendix C



DATABASE REPORT

Project Property: *DeMarchi
DeMarchi
Milton ON L9T 7J1*

Project No:

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

Order No: *24052200487*

Requested by: *DS Consultants Ltd.*

Date Completed: *May 27, 2024*

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Executive Summary

Property Information:

Project Property: *DeMarchi
DeMarchi Milton ON L9T 7J1*

Project No:

Order Information:

Order No: *24052200487*
Date Requested: *May 22, 2024*
Requested by: *DS Consultants Ltd.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs *Aerials - National Collection*
City Directory Search *Smart CD Search*
ERIS Xplorer [*ERIS Xplorer*](#)
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	15	15
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	5	5
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	4	4
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	2	2
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	4	4
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	4	4
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	11	11

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		Total:	0	47	47

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	EHS		Derry Road West And Fourth Line Milton ON	ENE/27.0	1.42	21
2	WWIS		DERRY RD & FOURTH LINE Milton ON Well ID: 7279598	W/43.7	0.34	21
3	WWIS		FOURTH LINE & DERRY RD W SW CORNER Milton ON Well ID: 7345674	E/45.0	1.42	24
4	WWIS		FOURTH LINE & DERRY RD W (SW CORNER) Milton ON Well ID: 7345673	E/46.2	1.01	27
5	WWIS		DERRY & FOURTH LINE Milton ON Well ID: 7319631	E/50.9	1.42	30
6	SPL		9980 Derry Rd Milton ON L9T 7J1	E/55.2	1.37	32
6	INC		9980 Derry Road, Milton ON	E/55.2	1.37	33
6	EHS		9980 Derry Road West Milton ON L9T 7J1	E/55.2	1.37	33
6	EHS		9980 Derry Road West Milton ON L9T 7J1	E/55.2	1.37	34
6	EHS		9980 Derry Road West Milton ON L9T 7J1	E/55.2	1.37	34
6	EHS		9980 Derry Road West Milton ON L9T 7J1	E/55.2	1.37	34
6	EHS		9980 Derry Road West Milton ON L9T 7J1	E/55.2	1.37	34

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	EHS		9980 Derry Road West Milton ON L9T 7J1	E/55.2	1.37	34
7	RSC	QUADSPRING INC.	9980 DERRY ROAD ON Milton ON	E/62.2	1.42	35
8	WWIS		500 CEDAR HEDGE RD ON <i>Well ID: 7291978</i>	NNW/69.6	1.42	35
9	RSC	MATTAMY (BROWNRIDGE) LIMITED	9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9 Milton ON	SSW/75.7	2.42	37
10	WWIS		7122 FOURTH LINE lot 11 con 4 MILTON ON <i>Well ID: 2810608</i>	NW/77.3	0.57	38
11	EHS		9701-9715 Derry Road West Milton ON	WSW/80.9	1.42	40
12	GEN	HALTON DISTRICT SCHOOL BOARD	625 Sauve Street Milton ON L9T 8M4	SSE/99.6	1.42	40
12	GEN	HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	SSE/99.6	1.42	41
12	GEN	HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	SSE/99.6	1.42	41
12	GEN	HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	SSE/99.6	1.42	42
12	GEN	HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	SSE/99.6	1.42	42
13	RSC	MATTAMY (BROWNRIDGE) LIMITED	9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9, 0 COSTIGAN ROAD, MILTON, ON L9T 7Y9 Milton ON	SSW/108.1	3.47	43

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	RSC	MATTAMY (BROWNRIDGE) LIMITED	9655 DERRY ROAD WEST ON Milton ON	SSW/108.1	3.47	43
14	WWIS		DERRY & SAUVE ST Milton ON <i>Well ID: 7239297</i>	SE/110.4	1.42	44
15	WWIS		ON <i>Well ID: 7191716</i>	SSE/112.1	1.42	46
16	WWIS		DERRY RD & FOURTH LINE Milton ON <i>Well ID: 7279599</i>	NNW/134.0	0.42	46
17	SPL		607 4th Line Milton MILTON ON	E/139.4	1.42	49
18	INC		617 FOURTH LINE, MILTON ON	E/148.2	1.42	50
19	SPL	Union Gas Limited	620 & 630 Sauve Street Milton ON	ESE/151.2	-0.85	51
20	WWIS		DERRY & SAUVE ST Milton ON <i>Well ID: 7239298</i>	ESE/160.1	0.85	52
21	SPL	Union Gas Limited	638 Murray Meadows Milton ON	SW/177.5	2.42	54
21	PINC	NORTHERN ONTARIO MEDICAL SCHOOL	638 MURRAY MEADOWS PL,,MILTON, ON,L9T 8L7,CA ON	SW/177.5	2.42	54
22	INC		1269 RUDDY CRESCENT, MILTON ON	SSE/179.3	2.42	55
23	WWIS		DERRY & SAUVE Milton ON <i>Well ID: 7239299</i>	ESE/206.1	-1.24	56
24	PINC	PIPELINE HIT - 1/2"	496 AYLMEER CRES,,MILTON,ON,L9T 8T5,CA ON	NNW/214.4	0.42	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>
25	INC		690 SAUVE STREET, MILTON ON	SE/221.5	0.42	58
26	HINC		693 CALDWELL CRESCENT, LOT 76 MILTON ON L9T 0H6	SSW/227.5	4.20	59
27	HINC		1260 COSTIGAN ROAD, LOT 16 MILTON ON L9T 0Y9	WSW/230.1	0.42	59
28	EHS		1287 Costigan Road Milton ON L9T 0Y9	W/234.8	0.42	60
28	EHS		1287 Costigan Road Milton ON L9T 0Y9	W/234.8	0.42	60
28	EHS		1287 Costigan Road Milton ON L9T 0Y9	W/234.8	0.42	60
28	EHS		1287 Costigan Road Milton ON L9T 0Y9	W/234.8	0.42	60
28	EHS		1287 Costigan Road Milton ON L9T 0Y9	W/234.8	0.42	60
28	EHS		1287 Costigan Rd Milton ON L9T0Y9	W/238.2	0.42	61
30	EHS		1287 Costigan Road Milton ON L9T 0Y9	W/243.3	0.42	61

Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 15 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Derry Road West And Fourth Line Milton ON	27.0	<u>1</u>
	9980 Derry Road West Milton ON L9T 7J1	55.2	<u>6</u>
	9980 Derry Road West Milton ON L9T 7J1	55.2	<u>6</u>
	9980 Derry Road West Milton ON L9T 7J1	55.2	<u>6</u>
	9980 Derry Road West Milton ON L9T 7J1	55.2	<u>6</u>
	9980 Derry Road West Milton ON L9T 7J1	55.2	<u>6</u>
	9980 Derry Road West Milton ON L9T 7J1	55.2	<u>6</u>
	9701-9715 Derry Road West Milton ON	80.9	<u>11</u>
	1287 Costigan Road Milton ON L9T 0Y9	234.8	<u>28</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1287 Costigan Road Milton ON L9T 0Y9	234.8	<u>28</u>
	1287 Costigan Road Milton ON L9T 0Y9	234.8	<u>28</u>
	1287 Costigan Road Milton ON L9T 0Y9	234.8	<u>28</u>
	1287 Costigan Road Milton ON L9T 0Y9	234.8	<u>28</u>
	1287 Costigan Rd Milton ON L9T0Y9	238.2	<u>29</u>
	1287 Costigan Road Milton ON L9T 0Y9	243.3	<u>30</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 5 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	99.6	<u>12</u>
HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	99.6	<u>12</u>
HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	99.6	<u>12</u>
HALTON DISTRICT SCHOOL BOARD	625 SAUVE ST MILTON ON L9T8M4	99.6	<u>12</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HALTON DISTRICT SCHOOL BOARD	625 Sauve Street Milton ON L9T 8M4	99.6	12

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	693 CALDWELL CRESCENT, LOT 76 MILTON ON L9T 0H6	227.5	26
	1260 COSTIGAN ROAD, LOT 16 MILTON ON L9T 0Y9	230.1	27

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated 31 Oct, 2023 has found that there are 4 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	9980 Derry Road, Milton ON	55.2	6
	617 FOURTH LINE, MILTON ON	148.2	18
	1269 RUDDY CRESCENT, MILTON ON	179.3	22
	690 SAUVE STREET, MILTON ON	221.5	25

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
NORTHERN ONTARIO MEDICAL SCHOOL	638 MURRAY MEADOWS PL,,MILTON,ON, L9T 8L7,CA ON	177.5	<u>21</u>
PIPELINE HIT - 1/2"	496 AYLMER CRES,,MILTON,ON,L9T 8T5, CA ON	214.4	<u>24</u>

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Apr 2024 has found that there are 4 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
QUADSPRING INC.	9980 DERRY ROAD ON Milton ON	62.2	<u>7</u>
MATTAMY (BROWNRIDGE) LIMITED	9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9 Milton ON	75.7	<u>9</u>
MATTAMY (BROWNRIDGE) LIMITED	9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9, 0 COSTIGAN ROAD, MILTON, ON L9T 7Y9 Milton ON	108.1	<u>13</u>
MATTAMY (BROWNRIDGE) LIMITED	9655 DERRY ROAD WEST ON Milton ON	108.1	<u>13</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	9980 Derry Rd Milton ON L9T 7J1	55.2	<u>6</u>

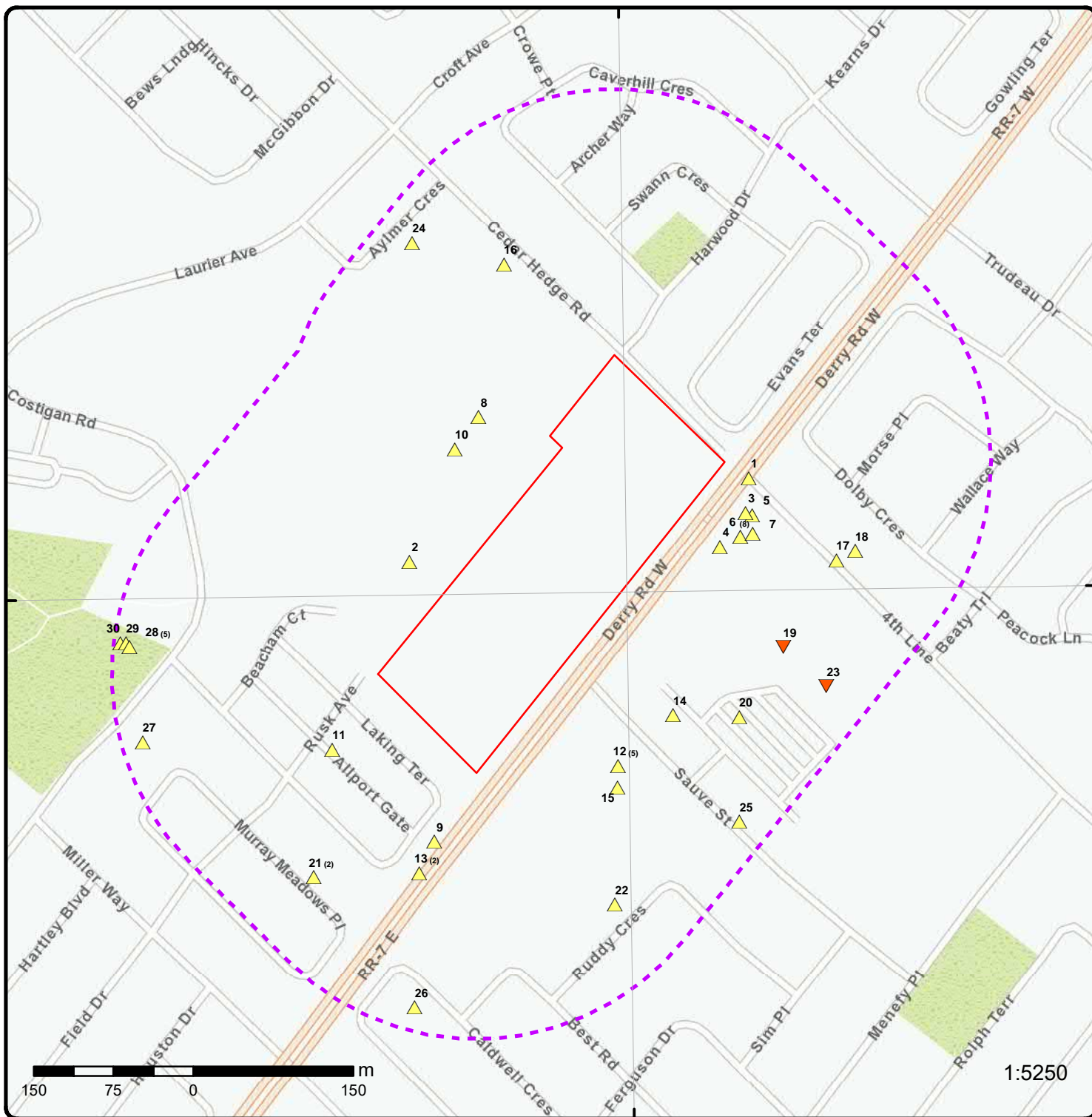
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	607 4th Line Milton MILTON ON	139.4	17
Union Gas Limited	620 & 630 Sauve Street Milton ON	151.2	19
Union Gas Limited	638 Murray Meadows Milton ON	177.5	21

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	DERRY RD & FOURTH LINE Milton ON <i>Well ID: 7279598</i>	43.7	2
	FOURTH LINE & DERRY RD W SW CORNER Milton ON <i>Well ID: 7345674</i>	45.0	3
	FOURTH LINE & DERRY RD W (SW CORNER) Milton ON <i>Well ID: 7345673</i>	46.2	4
	DERRY & FOURTH LINE Milton ON <i>Well ID: 7319631</i>	50.9	5
	500 CEDAR HEDGE RD ON <i>Well ID: 7291978</i>	69.6	8
	7122 FOURTH LINE lot 11 con 4 MILTON ON <i>Well ID: 2810608</i>	77.3	10

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	DERRY & SAUVE ST Milton ON <i>Well ID: 7239297</i>	110.4	<u>14</u>
	ON <i>Well ID: 7191716</i>	112.1	<u>15</u>
	DERRY RD & FOURTH LINE Milton ON <i>Well ID: 7279599</i>	134.0	<u>16</u>
	DERRY & SAUVE ST Milton ON <i>Well ID: 7239298</i>	160.1	<u>20</u>
	DERRY & SAUVE Milton ON <i>Well ID: 7239299</i>	206.1	<u>23</u>



Map: 0.25 Kilometer Radius

Order Number: 24052200487

Address: DeMarchi, Milton, ON

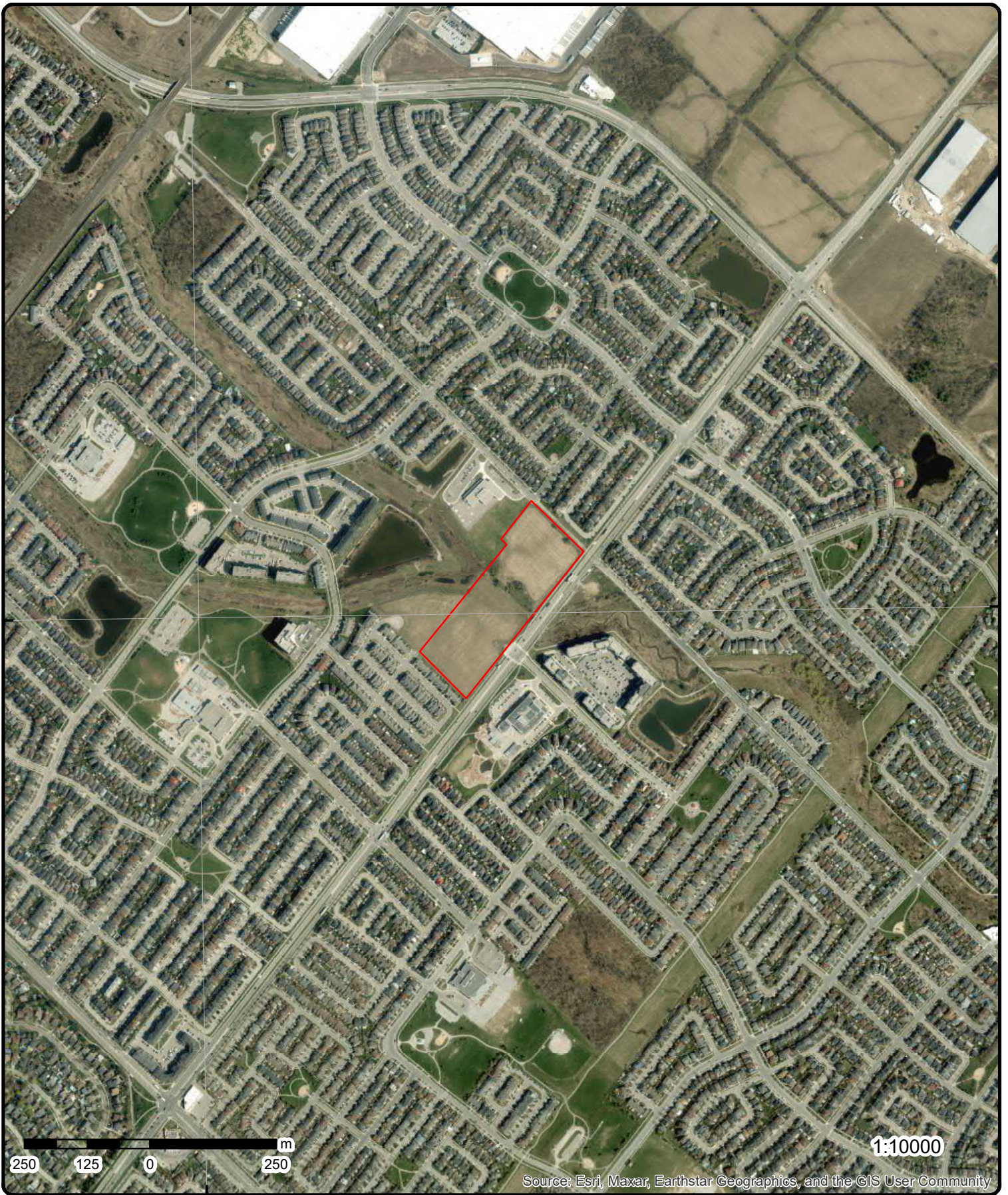


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)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

79°51'W

43°31'30"N

43°31'30"N



Aerial Year: 2023

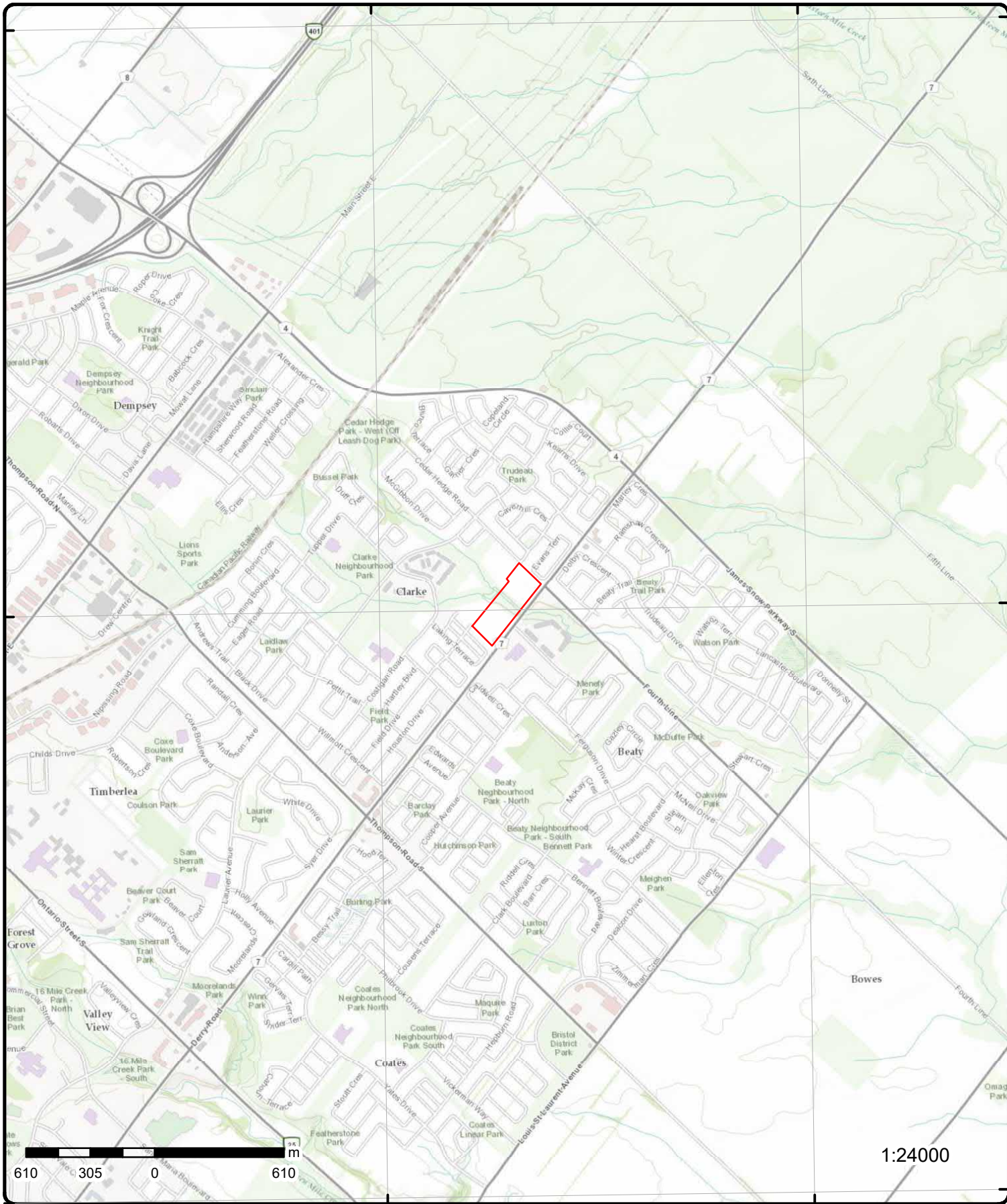
Order Number: 24052200487

Address: DeMarchi, Milton, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Order Number: 24052200487

Address: DeMarchi, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	ENE/27.0	200.9 / 1.42	Derry Road West And Fourth Line Milton ON	EHS
Order No: 20130207003 Status: C Report Type: Custom Report Report Date: 15-FEB-13 Date Received: 07-FEB-13 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Aerial Photos		Nearest Intersection: Municipality: Milton Client Prov/State: ON Search Radius (km): .25 X: -79.845171 Y: 1			

<u>2</u>	1 of 1	W/43.7	199.8 / 0.34	DERRY RD & FOURTH LINE Milton ON	WWIS
Well ID: 7279598 Construction Date: Use 1st: Monitoring Use 2nd: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z252493 Tag: A214774 Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: MILTON TOWN (TRAFALGAR) Site Info:		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 01/25/2017 Selected Flag: TRUE Abandonment Rec: Contractor: 7472 Form Version: 7 Owner: County: HALTON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7279598.pdf			

Additional Detail(s) (Map)

Well Completed Date: 12/07/2016
Year Completed: 2016
Depth (m): 6.096
Latitude: 43.525282448192
Longitude: -79.8442273877444
X: -79.8442272389368
Y: 43.52528244616868
Path: 727\7279598.pdf

Bore Hole Information

Bore Hole ID: 1006343356
DP2BR:
Elevation:
Elevrc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	17
Code OB:				East83:	593399.00
Code OB Desc:				North83:	4819798.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		12/07/2016	UTMRC Desc:		margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1006548629
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3: 66
Material 3 Desc: DENSE
Formation Top Depth: 1.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1006548630
Layer: 3
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3: 66
Material 3 Desc: DENSE
Formation Top Depth: 15.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1006548628
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006548637			
Layer:		1			
Plug From:		0.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006548638			
Layer:		2			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006548636			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006548627			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006548633			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006548634			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1006548632			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006548631			
Diameter:		7.5			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>3</u>	1 of 1	E/45.0	200.9 / 1.42	FOURTH LINE & DERRY RD W SW CORNER Milton ON	WWIS
Well ID:	7345674			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	10/28/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z308708			Contractor:	7472
Tag:	A271661			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	HALTON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MILTON TOWN (TRAFALGAR)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7345674.pdf				

Additional Detail(s) (Map)

Well Completed Date:	06/12/2019
Year Completed:	2019
Depth (m):	7.62
Latitude:	43.5256569675448
Longitude:	-79.8403098759744
X:	-79.84030972671992
Y:	43.5256569656804
Path:	734\7345674.pdf

Bore Hole Information

Bore Hole ID:	1007691330	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	593715.00
Code OB Desc:		North83:	4819844.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	06/12/2019			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
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:		1007880952			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		34			
Material 3 Desc:		TILL			
Formation Top Depth:		1.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007880951			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:		77			
Material 3 Desc:		LOOSE			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007882411			
Layer:		2			
Plug From:		14.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007882410			
Layer:		1			
Plug From:		0.0			
Plug To:		14.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007884236			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007879356			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007884861			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		15.0			
Casing Diameter:		0.800000011920929			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1007885441			
Layer:		1			
Slot:		10			
Screen Top Depth:		15.0			
Screen End Depth:		25.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1007886255			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:			1007883493		
Diameter:			6.0		
Depth From:			0.0		
Depth To:			25.0		
Hole Depth UOM:			ft		
Hole Diameter UOM:			Inch		

<u>4</u>	1 of 1	E/46.2	200.4 / 1.01	FOURTH LINE & DERRY RD W (SW CORNER) Milton ON	WWIS
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Well ID:	7345673	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Monitoring	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Observation Wells	Date Received:	10/28/2019
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z308707	Contractor:	7472
Tag:	A271662	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	HALTON
Elevatn Reliabilty:		Lot:	
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	MILTON TOWN (TRAFALGAR)		
Site Info:			
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7345673.pdf		

Additional Detail(s) (Map)

Well Completed Date:	08/12/2019
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.5253719020078
Longitude:	-79.8406123256187
X:	-79.84061217682886
Y:	43.52537189990679
Path:	734\7345673.pdf

Bore Hole Information

Bore Hole ID:	1007691327	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	593691.00
Code OB Desc:		North83:	4819812.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	08/12/2019	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007880949
 Layer: 1
 Color: 6
 General Color: BROWN
 Material 1: 02
 Material 1 Desc: TOPSOIL
 Material 2:
 Material 2 Desc:
 Material 3: 77
 Material 3 Desc: LOOSE
 Formation Top Depth: 0.0
 Formation End Depth: 1.0
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007880950
 Layer: 2
 Color: 2
 General Color: GREY
 Material 1: 05
 Material 1 Desc: CLAY
 Material 2: 06
 Material 2 Desc: SILT
 Material 3: 34
 Material 3 Desc: TILL
 Formation Top Depth: 1.0
 Formation End Depth: 20.0
 Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007882409
 Layer: 2
 Plug From: 9.0
 Plug To: 20.0
 Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007882408
 Layer: 1
 Plug From: 0.0
 Plug To: 9.0
 Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 1007884235
 Method Construction Code: 6
 Method Construction: Boring
 Other Method Construction:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:			1007879355		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1007884860		
Layer:			1		
Material:			5		
Open Hole or Material:			PLASTIC		
Depth From:			0.0		
Depth To:			10.0		
Casing Diameter:			0.800000011920929		
Casing Diameter UOM:			Inch		
Casing Depth UOM:			ft		
<u>Construction Record - Screen</u>					
Screen ID:			1007885440		
Layer:			1		
Slot:			10		
Screen Top Depth:			10.0		
Screen End Depth:			20.0		
Screen Material:			5		
Screen Depth UOM:			ft		
Screen Diameter UOM:			inch		
Screen Diameter:			1.0		
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:			1007886254		
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:			0		
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:			1007883492		
Diameter:			6.0		
Depth From:			0.0		
Depth To:			20.0		
Hole Depth UOM:			ft		
Hole Diameter UOM:			Inch		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>5</u>	1 of 1	E/50.9	200.9 / 1.42	DERRY & FOURTH LINE Milton ON	WWIS
Well ID: 7319631 Construction Date: Use 1st: Monitoring Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z297183 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: MILTON TOWN (TRAFALGAR) Site Info:		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 10/04/2018 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 7295 Form Version: 7 Owner: County: HALTON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			

Additional Detail(s) (Map)

Bore Hole ID: 1007293573	Tag No:
Depth M:	Contractor: 7295
Year Completed: 2018	Latitude: 43.5256382096773
Well Completed Dt: 08/16/2018	Longitude: -79.8402359880393
Audit No: Z297183	Y: 43.52563820779925
Path:	X: -79.84023583851629

Bore Hole Information

Bore Hole ID: 1007293573	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 17
Code OB:	East83: 593721.00
Code OB Desc:	North83: 4819842.00
Open Hole:	Org CS: UTM83
Cluster Kind:	UTMRC: 5
Date Completed: 08/16/2018	UTMRC Desc: margin of error : 100 m - 300 m
Remarks:	Location Method: gis
Location Method Desc: from gis	
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID: 1007563305
Layer:
Color:
General Color:
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM: ft					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1007563312					
Layer: 1					
Plug From:					
Plug To:					
Plug Depth UOM: ft					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1007563313					
Layer: 1					
Plug From:					
Plug To:					
Plug Depth UOM: ft					
<u>Method of Construction & Well Use</u>					
Method Construction ID: 1007563311					
Method Construction Code: A					
Method Construction: Digging					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 1007563304					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1007563308					
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 1007563309					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: ft					
Screen Diameter UOM: inch					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1007563307			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007563306			
Diameter:		12.0			
Depth From:		0.0			
Depth To:		15.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>6</u>	1 of 8	E/55.2	200.8 / 1.37	9980 Derry Rd Milton ON L9T 7J1	SPL
Ref No:	4684-8P32GS			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	11/28/2011			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	11/28/2011			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
MOE Response:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	Residence<UNOFFICIAL>				
Site Address:	9980 Derry Rd				
Site Region:					
Site Municipality:	Milton				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:					
Incident Event:					
Environment Impact:	Not Anticipated				
Nature of Impact:	Soil Contamination; Surface Water Pollution				
Contaminant Qty:	30 L				
System Facility Address:					
Client Name:					
Client Type:					
Source Type:					
Contaminant Code:	13				
Contaminant Name:	FUEL OIL				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:	Sewage - Municipal/Private and Commercial				
Incident Reason:					
Incident Summary:	TSSA: leaking indoor fuel oil tank.				
Activity Preceding Spill:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: TSSA - Fuel Safety Branch Call Report Locatn Geodata:					

<u>6</u>	2 of 8	E/55.2	200.8 / 1.37	9980 Derry Road, Milton ON	INC
Incident No:	697510			Any Health Impact:	No
Incident ID:				Any Enviro Impact:	No
Instance No:				Service Intrap:	No
Status Code:				Was Prop Damaged:	No
Incident Status:				Reside App. Type:	
Incident Severity:				Commer App. Type:	
Task No:	3634289			Indus App. Type:	
Attribute Category:	FS-Perform L1 Incident Insp			Institut App. Type:	
Context:				Depth Ground Cover:	
Date of Occurrence:	2011/11/28 00:00:00			Operation Pressure:	
Time of Occurrence:	18:36:00			Equipment Type:	
Occr Insp Start Dt:	2011/11/29 00:00:00			Equipment Model:	
Incident Creat On:				Serial No:	
Instance Creat Dt:				Cylinder Capacity:	
Instance Install Dt:				Cylinder Cap Units:	
Approx Quant Rel:				Cylinder Mat Type:	
Tank Capacity:				Pump Flow Rate Cap:	
Fuels Occur Type:	Leak			Contam. Migrated:	
Occur Type Rpt:				Near Body of Water:	
Occur Category:				Drainage System:	
Fuel Type Involved:	Fuel Oil			Sub Surface Contam:	
Fuel Type Reported:				Tank Material Type:	
Enforcement Policy:	NULL			Tank Storage Type:	
Prc Escalation Req:	NULL			Tank Location Type:	
Item:					
Item Description:					
Device Installed Location:					
Venting Type:					
Vent Conn Mater:					
Vent Chimney Mater:					
Pipeline Type:					
Pipeline Involved:					
Pipe Material:					
Regulator Location:					
Regulator Type:					
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Liquid Prop Notes:					
Inventory Address:	9980 Derry Road, Milton - Leak				
Invent Postal Code:					
Notes:					
Contact Natural Env:					
Aff Prop Use Water:					
Occurence Narrative:	small leak from oil tank less than 20 ltrs				
Operation Type Involved:	Private Dwelling				

<u>6</u>	3 of 8	E/55.2	200.8 / 1.37	9980 Derry Road West Milton ON L9T 7J1	EHS
Order No:	20181121280			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date: 28-NOV-18 Date Received: 21-NOV-18 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
<u>6</u>	4 of 8	E/55.2	200.8 / 1.37	9980 Derry Road West Milton ON L9T 7J1	EHS
Order No: 22022300178 Status: C Report Type: Standard Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.8403754 Y: 43.5254541					
<u>6</u>	5 of 8	E/55.2	200.8 / 1.37	9980 Derry Road West Milton ON L9T 7J1	EHS
Order No: 22022300178 Status: C Report Type: Standard Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.8403754 Y: 43.5254541					
<u>6</u>	6 of 8	E/55.2	200.8 / 1.37	9980 Derry Road West Milton ON L9T 7J1	EHS
Order No: 22022300178 Status: C Report Type: Standard Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.8403754 Y: 43.5254541					
<u>6</u>	7 of 8	E/55.2	200.8 / 1.37	9980 Derry Road West Milton ON L9T 7J1	EHS
Order No: 22022300178 Status: C Report Type: Standard Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.8403754 Y: 43.5254541					
<u>6</u>	8 of 8	E/55.2	200.8 / 1.37	9980 Derry Road West Milton ON L9T 7J1	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 22022300178 Status: C Report Type: Standard Report Report Date: 28-FEB-22 Date Received: 23-FEB-22 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.8403754 Y: 43.5254541					
<u>7</u>	1 of 1	E/62.2	200.9 / 1.42	QUADSPRING INC. 9980 DERRY ROAD ON Milton ON	RSC
RSC No: 234431 RA No: Status: FILED Filing Date: Date Ack: Date Returned: Approval Date: October 11, 2022 Cert Date: Cert Prop Use No: Curr Property Use: Intended Prop Use: Restoration Type: Soil Type: Criteria: Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): CPU Issu Sect 1686: Business Name: QUADSPRING INC. Address: 9980 DERRY ROAD ON Legal Desc: Site Pin: 24936-0057 (LT), 24936-7248 (LT), 24936-7249 (LT), 24936-7689 (LT) Asmt Roll No: Project Type: POST2011 Approval Type: RSC based on Phase One and Two ESAs Applicable Standards: Pdf Link: https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=234431					
X: -79.84025308205094 Y: 43.52545649822164 Latitude: 43.5254565 Longitude: -79.84025308 UTM Coordinates: Latitude Longitude: Accuracy Estimate: Measurement Method: Mailing Address: Telephone: Fax: Email: Postal Code: L9T 7J1 Ministry District: MOE District: Halton-Peel SWP Area Name: Halton Qual Person Name: SAMUEL LEE Consultant:					
<u>8</u>	1 of 1	NNW/69.6	200.9 / 1.42	500 CEDAR HEDGE RD ON	WWIS
Well ID: 7291978 Construction Date: Use 1st: Not Used Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z262562 Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 08/08/2017 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 6875 Form Version: 7 Owner: County: HALTON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality: Site Info:		MILTON TOWN (TRAFALGAR)			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7291978.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/05/2017			
Year Completed:		2017			
Depth (m):					
Latitude:		43.52649864462			
Longitude:		-79.8433998069254			
X:		-79.84339965715328			
Y:		43.52649864264404			
Path:		729\7291978.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1006700670			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	593464.00
Code OB Desc:				North83:	4819934.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	07/05/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1006818268				
Layer:	1				
Plug From:	2.0				
Plug To:	13.399999618530273				
Plug Depth UOM:	m				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	1006818267				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1006818260				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 1006818264					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From: 0.0					
Depth To: 13.399999618530273					
Casing Diameter: 5.0					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1006818265					
Layer: 1					
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: 1006818263					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1006818262					
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

<u>9</u>	1 of 1	SSW/75.7	201.9 / 2.42	MATTAMY (BROWNRIDGE) LIMITED 9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9 Milton ON	RSC
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RSC No:	221791	X:	
RA No:		Y:	
Status:		Latitude:	
Filing Date:	2016/05/03	Longitude:	
Date Ack:		UTM Coordinates:	
Date Returned:		Latitude Longitude:	
Approval Date:		Accuracy Estimate:	
Cert Date:		Measurement Method:	
Cert Prop Use No:		Mailing Address:	
Curr Property Use:	Commercial	Telephone:	
Intended Prop Use:	Residential	Fax:	
Restoration Type:		Email:	
Soil Type:		Postal Code:	
Criteria:		Ministry District:	Halton-Peel District Office
Stratified (Y/N):		MOE District:	
Audit (Y/N):		SWP Area Name:	
Entire Leg Prop. (Y/N):		Qual Person Name:	FRANCESCO GAGLIARDI

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
CPU Issu Sect 1686:				Consultant:	
Business Name:					
Address:		9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9, 0 COSTIGAN ROAD, MILTON, ON L9T 7Y9			
Legal Desc:					
Site Pin:		25074-1992 (LT), 25074-1991 (LT), 25074-1993 (LT), 25074-1990 (LT), 25074-0014 (LT), 25074-1994 (LT), 25074-1989 (LT)			
Asmt Roll No:		2409090100267650000, 2409090100267610000, 2409090100267570000, 2409090100267630000, 2409090100267550000, 2409090100267590000, 2409090100020000000			
Project Type:					
Approval Type:		Phase 1 RSC			
Applicable Standards:					
Pdf Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=62947&fileName=BROWNFIELDS-E.pdf			

<u>10</u>	1 of 1	NW/77.3	200.0 / 0.57	7122 FOURTH LINE lot 11 con 4 MILTON ON	WWIS
Well ID:	2810608			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	08/25/2006
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z53062			Contractor:	7219
Tag:	A047070			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	HALTON
Elevatn Reliability:				Lot:	011
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MILTON TOWN (TRAFALGAR)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/281\2810608.pdf				

Additional Detail(s) (Map)

Well Completed Date:	07/18/2006
Year Completed:	2006
Depth (m):	
Latitude:	43.5262313253992
Longitude:	-79.8436771579489
X:	-79.84367700833957
Y:	43.52623132311969
Path:	281\2810608.pdf

Bore Hole Information

Bore Hole ID:	11552518	Elevation:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	593442.00
Code OB Desc:				North83:	4819904.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	07/18/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933300346				
Layer:	1				
Plug From:	0.0				
Plug To:	1.2100000381469727				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933300347				
Layer:	2				
Plug From:	1.2100000381469727				
Plug To:	1.5199999809265137				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933300349				
Layer:	4				
Plug From:	12.489999771118164				
Plug To:	14.930000305175781				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933300348				
Layer:	3				
Plug From:	1.5199999809265137				
Plug To:	12.489999771118164				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962810608				
Method Construction Code:					
Method Construction:					
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pipe ID: 11562125
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930885057
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To:
 Casing Diameter: 15.239999771118164
 Casing Diameter UOM: cm
 Casing Depth UOM: m

Results of Well Yield Testing

Pumping Test Method Desc:
 Pump Test ID: 11570815
 Pump Set At:
 Static Level: 1.8200000524520874
 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:
 Water State After Test:
 Pumping Test Method:
 Pumping Duration HR:
 Pumping Duration MIN:
 Flowing:

Hole Diameter

Hole ID: 11683642
 Diameter: 15.239999771118164
 Depth From: 0.0
 Depth To: 14.930000305175781
 Hole Depth UOM: m
 Hole Diameter UOM: cm

<u>11</u>	1 of 1	WSW/80.9	200.9 / 1.42	9701-9715 Derry Road West Milton ON	EHS
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Order No: 20150810015 Status: C Report Type: RSC Report - Quote Report Date: 10-SEP-15 Date Received: 10-AUG-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:	Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .3 X: -79.845154 Y: 43.523701
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<u>12</u>	1 of 5	SSE/99.6	200.9 / 1.42	HALTON DISTRICT SCHOOL BOARD 625 Sauve Street	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Milton ON L9T 8M4

Generator No: ON8316333
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

12	2 of 5	SSE/99.6	200.9 / 1.42	HALTON DISTRICT SCHOOL BOARD 625 SAUVE ST MILTON ON L9T8M4	GEN
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Generator No: ON6770399
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

12	3 of 5	SSE/99.6	200.9 / 1.42	HALTON DISTRICT SCHOOL BOARD 625 SAUVE ST MILTON ON L9T8M4	GEN
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Generator No: ON6770399

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
12	4 of 5	SSE/99.6	200.9 / 1.42	HALTON DISTRICT SCHOOL BOARD 625 SAUVE ST MILTON ON L9T8M4	GEN
Generator No: ON6770399 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
12	5 of 5	SSE/99.6	200.9 / 1.42	HALTON DISTRICT SCHOOL BOARD 625 SAUVE ST MILTON ON L9T8M4	GEN
Generator No: ON6770399 SIC Code: SIC Description: Approval Years: As of Oct 2022 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Name: OIL SKIMMINGS & SLUDGES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 2	SSW/108.1	202.9 / 3.47	MATTAMY (BROWNRIDGE) LIMITED 9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9, 0 COSTIGAN ROAD, MILTON, ON L9T 7Y9 Milton ON	RSC
RSC No:	221791			X:	
RA No:				Y:	
Status:				Latitude:	
Filing Date:	2016/05/03			Longitude:	
Date Ack:				UTM Coordinates:	
Date Returned:				Latitude Longitude:	
Approval Date:				Accuracy Estimate:	
Cert Date:				Measurement Method:	
Cert Prop Use No:				Mailing Address:	
Curr Property Use:	Commercial			Telephone:	
Intended Prop Use:	Residential			Fax:	
Restoration Type:				Email:	
Soil Type:				Postal Code:	
Criteria:				Ministry District:	Halton-Peel District Office
Stratified (Y/N):				MOE District:	
Audit (Y/N):				SWP Area Name:	
Entire Leg Prop. (Y/N):				Qual Person Name:	FRANCESCO GAGLIARDI
CPU Issu Sect 1686:				Consultant:	
Business Name:					
Address:		9655 DERRY ROAD WEST, MILTON, ON L9T 7Y9, 0 COSTIGAN ROAD, MILTON, ON L9T 7Y9			
Legal Desc:					
Site Pin:		25074-1992 (LT), 25074-1989 (LT), 25074-1994 (LT), 25074-1991 (LT), 25074-1993 (LT), 25074-1990 (LT), 25074-0014 (LT)			
Asmt Roll No:		2409090100267590000, 2409090100267650000, 2409090100267610000, 2409090100267630000, 2409090100020000000, 2409090100267570000, 2409090100267550000			
Project Type:					
Approval Type:		Phase 1 RSC			
Applicable Standards:					
Pdf Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=62947&fileName=BROWNFIELDS-E.pdf			

13	2 of 2	SSW/108.1	202.9 / 3.47	MATTAMY (BROWNRIDGE) LIMITED 9655 DERRY ROAD WEST ON Milton ON	RSC
RSC No:	221791			X:	-79.84532487582197
RA No:				Y:	43.52353772533907
Status:	FILED			Latitude:	43.52353773
Filing Date:				Longitude:	-79.84532488
Date Ack:				UTM Coordinates:	
Date Returned:				Latitude Longitude:	
Approval Date:	May 3, 2016			Accuracy Estimate:	
Cert Date:				Measurement Method:	
Cert Prop Use No:				Mailing Address:	
Curr Property Use:				Telephone:	
Intended Prop Use:				Fax:	
Restoration Type:				Email:	
Soil Type:				Postal Code:	L9T 7Y9
Criteria:				Ministry District:	
Stratified (Y/N):				MOE District:	Halton-Peel

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005519744			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005519738			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005519742			
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:		1005519743			
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:		1005519741			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005519740			
Diameter:		21.0			
Depth From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		6.099999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

[15](#) 1 of 1 SSE/112.1 200.9 / 1.42 ON WWIS

Well ID:	7191716	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	Yes
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	11/15/2012
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	C19633	Contractor:	7147
Tag:		Form Version:	8
Constructn Method:		Owner:	
Elevation (m):		County:	HALTON
Elevatn Reliabilty:		Lot:	
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	MILTON TOWN (TRAFALGAR)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7191716.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/07/2012
Year Completed: 2012
Depth (m):
Latitude: 43.5233493942343
Longitude: -79.8418389754699
X: -79.8418388252405
Y: 43.523349391682316
Path: 719\7191716.pdf

Bore Hole Information

Bore Hole ID:	1004206201	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	593595.00
Code OB Desc:		North83:	4819586.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/07/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

[16](#) 1 of 1 NNW/134.0 199.9 / 0.42 DERRY RD & FOURTH LINE Milton ON WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7279599			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	01/25/2017
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z252494			Contractor:	7472
Tag:	A214775			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	HALTON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MILTON TOWN (TRAFALGAR)				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7279599.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/07/2016
Year Completed: 2016
Depth (m): 6.096
Latitude: 43.5277829860152
Longitude: -79.8430782638876
X: -79.84307811416879
Y: 43.52778298386878
Path: 727\7279599.pdf

Bore Hole Information

Bore Hole ID:	1006343359	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	593488.00
Code OB Desc:		North83:	4820077.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/07/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006548641
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		SILT			
Material 3:		66			
Material 3 Desc:		DENSE			
Formation Top Depth:		1.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006548642			
Layer:		3			
Color:		7			
General Color:		RED			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		66			
Material 3 Desc:		DENSE			
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006548640			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006548649			
Layer:		1			
Plug From:		0.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006548650			
Layer:		2			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		1006548648			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006548639			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006548645			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006548646			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.5			
<u>Water Details</u>					
Water ID:		1006548644			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006548643			
Diameter:		7.5			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
17	1 of 1	E/139.4	200.9 / 1.42	607 4th Line Milton MILTON ON	SPL
Ref No:		1-3JH1PA		Municipality No:	
Year:				Nature of Damage:	
Incident Dt:		6/14/2023 9:30:33 AM		Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Reported Dt: 6/14/2023 10:46:33 AM Dt Document Closed: Site No: MOE Response: Desktop Response Site County/District: Site Geo Ref Meth: Site District Office: Halton-Peel District Office Nearest Watercourse: Site Name: Site Address: 607 4th Line Milton Site Region: REGIONAL MUNICIPALITY OF HALTON Site Municipality: MILTON Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Line Strike Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see notes System Facility Address: Client Name: Client Type: Source Type: Pipeline/Components Contaminant Code: Contaminant Name: NATURAL GAS Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Air Incident Reason: Human error (Specify) Incident Summary: FSB: 0.5" pl IP service line strike, made safe & repairing. Activity Preceding Spill: Construction or repair Property 2nd Watershed: 02H Northern Lake Ontario and Niagara River Property Tertiary Watershed: 02HB Sixteen Mile Creek - Credit River Sector Type: NATURAL GAS DISTRIBUTION SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00000451678"],"wks":["POINT (-79.8395877000 43.5256812000)"],"creation_date":"2023-06-14"}		Health/Env Conseq: Agency Involved:			

<u>18</u>	1 of 1	E/148.2	200.9 / 1.42	617 FOURTH LINE, MILTON ON	INC
Incident No:	1687902			Any Health Impact:	No
Incident ID:				Any Enviro Impact:	No
Instance No:				Service Intrap:	Unknown
Status Code:				Was Prop Damaged:	Yes
Incident Status:				Reside App. Type:	
Incident Severity:				Commer App. Type:	
Task No:	5677839			Indus App. Type:	
Attribute Category:	FS-Perform L1 Incident Insp			Institut App. Type:	
Context:				Depth Ground Cover:	
Date of Occurrence:	2015/07/21 00:00:00			Operation Pressure:	
Time of Occurrence:	NULL			Equipment Type:	
Occr Insp Start Dt:	2015/07/23 00:00:00			Equipment Model:	
Incident Creat On:				Serial No:	
Instance Creat Dt:				Cylinder Capacity:	
Instance Install Dt:				Cylinder Cap Units:	
Approx Quant Rel:				Cylinder Mat Type:	
Tank Capacity:				Pump Flow Rate Cap:	
Fuels Occur Type:	Fire			Contam. Migrated:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occur Type Rpt: Occur Category: Fuel Type Involved: Propane Fuel Type Reported: Enforcement Policy: NULL Prc Escalation Req: NULL Item: Item Description: Device Installed Location: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Regulator Location: Regulator Type: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Inventory Address: 617 FOURTH LINE, MILTON - FIRE Invent Postal Code: Notes: Contact Natural Env: Aff Prop Use Water: Occurence Narrative: NULL Operation Type Involved: Private Dwelling				Near Body of Water: Drainage System: Sub Surface Contam: Tank Material Type: Tank Storage Type: Tank Location Type:	

19	1 of 1	ESE/151.2	198.6 / -0.85	Union Gas Limited 620 & 630 Sauve Street Milton ON	SPL
Ref No: 6067-AS6SLT Year: Incident Dt: 2017/10/15 Dt MOE Arvl on Scn: MOE Reported Dt: 2017/10/15 Dt Document Closed: 2017/12/16 Site No: NA MOE Response: No Site County/District: Regional Municipality of Halton Site Geo Ref Meth: Site District Office: Halton-Peel Nearest Watercourse: Site Name: Apartment Buildings<UNOFFICIAL> Site Address: 620 & 630 Sauve Street Site Region: Central Site Municipality: Milton Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: 4819643.91 Easting: 593619.03 Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Union Gas Limited Client Type: Corporation Source Type: Pipeline/Components		Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Agency Involved:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code:		35			
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:		1075			
Receiving Medium:		Air			
Incident Reason:		Weather Conditions			
Incident Summary:		TSSA FSB; sign fell on gas riser/stn for 2 apt bldg, storm; made safe			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Unknown / N/A			
SAC Action Class:		TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill			
Call Report Locatn Geodata:					

<u>20</u>	1 of 1	ESE/160.1	200.3 / 0.85	DERRY & SAUVE ST Milton ON	WWIS
Well ID:	7239298			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	04/06/2015
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z208568			Contractor:	7472
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	HALTON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	MILTON TOWN (TRAFALGAR)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7239298.pdf				

Additional Detail(s) (Map)

Well Completed Date:	03/24/2015
Year Completed:	2015
Depth (m):	
Latitude:	43.5239292570738
Longitude:	-79.8404172216624
X:	-79.84041707282039
Y:	43.52392925463732
Path:	723\7239298.pdf

Bore Hole Information

Bore Hole ID:	1005319287	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	593709.00
Code OB Desc:		North83:	4819652.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	03/24/2015	UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:				Location Method:	WWF
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005519751			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005519745			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005519749			
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:		1005519750			
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:		1005519748			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005519747			
Diameter:		21.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0.0			
Depth To:		6.099999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

21	1 of 2	SW/177.5	201.9 / 2.42	Union Gas Limited 638 Murray Meadows Milton ON	SPL
Ref No:	0743-99ELL2			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	2013/07/08			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	2013/07/08			Health/Env Conseq:	
Dt Document Closed:	2013/08/15			Agency Involved:	
Site No:					
MOE Response:	Referral to others				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	Residential Development<UNOFFICIAL>				
Site Address:	638 Murray Meadows				
Site Region:					
Site Municipality:	Milton				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:	Leak/Break				
Incident Event:					
Environment Impact:	Confirmed				
Nature of Impact:	Air Pollution				
Contaminant Qty:	0 other - see incident description				
System Facility Address:					
Client Name:	Union Gas Limited				
Client Type:					
Source Type:					
Contaminant Code:	35				
Contaminant Name:	NATURAL GAS (METHANE)				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Incident Reason:	Operator/Human Error				
Incident Summary:	TSSA: 1 1/4 strike, made safe				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Valve/Fitting/Piping				
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill				
Call Report Locatn Geodata:					

21	2 of 2	SW/177.5	201.9 / 2.42	NORTHERN ONTARIO MEDICAL SCHOOL 638 MURRAY MEADOWS PL,,MILTON,ON,L9T 8L7,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	1141764			Fuel Category:	
Incident Reported Dt:	7/8/2013			Health Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	FS-Pipeline Incident Pipeline Damage Reason Est			Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: NORTHERN ONTARIO MEDICAL SCHOOL 638 MURRAY MEADOWS PL.,MILTON,ON,L9T 8L7,CA	

<u>22</u>	1 of 1	SSE/179.3	201.9 / 2.42	1269 RUDDY CRESCENT, MILTON ON	INC
Incident No:	1022924			Any Health Impact:	No
Incident ID:				Any Enviro Impact:	No
Instance No:				Service Intrap:	No
Status Code:				Was Prop Damaged:	No
Incident Status:				Reside App. Type:	
Incident Severity:				Commer App. Type:	
Task No:	4313051			Indus App. Type:	
Attribute Category:	FS-Perform L1 Incident Insp			Institut App. Type:	
Context:				Depth Ground Cover:	
Date of Occurrence:	2013/02/01 00:00:00			Operation Pressure:	
Time of Occurrence:	16:58:00			Equipment Type:	
Occr Insp Start Dt:	2013/02/04 00:00:00			Equipment Model:	
Incident Creat On:				Serial No:	
Instance Creat Dt:				Cylinder Capacity:	
Instance Install Dt:				Cylinder Cap Units:	
Approx Quant Rel:				Cylinder Mat Type:	
Tank Capacity:				Pump Flow Rate Cap:	
Fuels Occur Type:	Vapour Release			Contam. Migrated:	
Occur Type Rpt:				Near Body of Water:	
Occur Category:				Drainage System:	
Fuel Type Involved:	Natural Gas			Sub Surface Contam:	
Fuel Type Reported:				Tank Material Type:	
Enforcement Policy:	NULL			Tank Storage Type:	
Prc Escalation Req:	NULL			Tank Location Type:	
Item:					
Item Description:					
Device Installed Location:					
Venting Type:					
Vent Conn Mater:					
Vent Chimney Mater:					
Pipeline Type:					
Pipeline Involved:					
Pipe Material:					
Regulator Location:					
Regulator Type:					
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Liquid Prop Notes:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Inventory Address: Invent Postal Code: Notes: Contact Natural Env: Aff Prop Use Water: Occurrence Narrative: Operation Type Involved:		1269 RUDDY CRESCENT, MILTON - VAPOUR RELEASE Gas leak on appliance Private Dwelling			

23	1 of 1	ESE/206.1	198.2 / -1.24	DERRY & SAUVE Milton ON	WWIS
Well ID:		7239299		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Abandoned-Other		Date Received:	
Water Type:				04/06/2015	
Casing Material:				Selected Flag:	
Audit No:		Z208569		TRUE	
Tag:				Abandonment Rec:	
Constructn Method:				Contractor:	
Elevation (m):				7472	
Elevatn Reliabilty:				Form Version:	
Depth to Bedrock:				7	
Well Depth:				Owner:	
Overburden/Bedrock:				County:	
Pump Rate:				HALTON	
Static Water Level:				Lot:	
Clear/Cloudy:				Concession:	
Municipality:		MILTON TOWN (TRAFALGAR)		Concession Name:	
Site Info:				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7239299.pdf			

Additional Detail(s) (Map)

Well Completed Date:	03/24/2015
Year Completed:	2015
Depth (m):	
Latitude:	43.5241800325294
Longitude:	-79.8393977286733
X:	-79.83939757959769
Y:	43.52418003082881
Path:	723\7239299.pdf

Bore Hole Information

Bore Hole ID:	1005319290	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	593791.00
Code OB Desc:		North83:	4819681.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	03/24/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Supplier Comment:</i>					
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1005519835			
<i>Method Construction Code:</i>					
<i>Method Construction:</i>					
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1005519829			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005519833			
<i>Layer:</i>					
<i>Material:</i>					
<i>Open Hole or Material:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005519834			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
<u>Water Details</u>					
<i>Water ID:</i>		1005519832			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1005519831			
<i>Diameter:</i>		21.0			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		6.099999904632568			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	NNW/214.4	199.9 / 0.42	PIPELINE HIT - 1/2" 496 AYLMER CRES,,MILTON,ON,L9T 8T5,CA ON	PINC
Incident Id: Incident No: 1527676 Incident Reported Dt: 11/24/2014 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: PIPELINE HIT - 1/2" Incident Address: 496 AYLMER CRES,,MILTON,ON,L9T 8T5,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:			

25	1 of 1	SE/221.5	199.9 / 0.42	690 SAUVE STREET, MILTON ON	INC
Incident No: 1029990 Incident ID: Instance No: Status Code: Incident Status: Incident Severity: Task No: 4355189 Attribute Category: FS-Perform L1 Incident Insp Context: Date of Occurrence: 2013/02/20 00:00:00 Time of Occurrence: 08:03:00 Occr Insp Start Dt: 2013/02/28 00:00:00 Incident Creat On: Instance Creat Dt: Instance Install Dt: Approx Quant Rel: Tank Capacity: Fuels Occur Type: CO Release Occur Type Rpt: Occur Category: Fuel Type Involved: Propane Fuel Type Reported: Enforcement Policy: NULL Prc Escalation Req: NULL Item: Item Description: Device Installed Location: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved:		Any Health Impact: No Any Enviro Impact: No Service Intrap: No Was Prop Damaged: No Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Depth Ground Cover: Operation Pressure: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Pump Flow Rate Cap: Contam. Migrated: Near Body of Water: Drainage System: Sub Surface Contam: Tank Material Type: Tank Storage Type: Tank Location Type:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe Material: Regulator Location: Regulator Type: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Inventory Address: 690 SAUVE STREET, MILTON - CO RELEASE Invent Postal Code: Notes: Contact Natural Env: Aff Prop Use Water: Occurrence Narrative: unconscious worker exposed to CO Operation Type Involved: Construction Site (including excavation)					

26	1 of 1	SSW/227.5	203.6 / 4.20	693 CALDWELL CRESCENT, LOT 76 MILTON ON L9T 0H6	HINC
External File Num: FS INC 0702-00857 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 2/19/2007 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Halton Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					

27	1 of 1	WSW/230.1	199.9 / 0.42	1260 COSTIGAN ROAD, LOT 16 MILTON ON L9T 0Y9	HINC
External File Num: FS INC 0812-07581 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 11/18/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training: Yes Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Halton Approx. Quant. Rel:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
28	1 of 5	W/234.8	199.9 / 0.42	1287 Costigan Road Milton ON L9T 0Y9	EHS
Order No:	21061100084			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUN-21			Search Radius (km):	.25
Date Received:	11-JUN-21			X:	-79.8474925
Previous Site Name:				Y:	43.5245977
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
28	2 of 5	W/234.8	199.9 / 0.42	1287 Costigan Road Milton ON L9T 0Y9	EHS
Order No:	21061100084			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUN-21			Search Radius (km):	.25
Date Received:	11-JUN-21			X:	-79.8474925
Previous Site Name:				Y:	43.5245977
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
28	3 of 5	W/234.8	199.9 / 0.42	1287 Costigan Road Milton ON L9T 0Y9	EHS
Order No:	21061100084			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUN-21			Search Radius (km):	.25
Date Received:	11-JUN-21			X:	-79.8474925
Previous Site Name:				Y:	43.5245977
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
28	4 of 5	W/234.8	199.9 / 0.42	1287 Costigan Road Milton ON L9T 0Y9	EHS
Order No:	21061100084			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUN-21			Search Radius (km):	.25
Date Received:	11-JUN-21			X:	-79.8474925
Previous Site Name:				Y:	43.5245977
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
28	5 of 5	W/234.8	199.9 / 0.42	1287 Costigan Road Milton ON L9T 0Y9	EHS
Order No:	21061100084			Nearest Intersection:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: C Report Type: Standard Report Report Date: 16-JUN-21 Date Received: 11-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.8474925 Y: 43.5245977					

29	1 of 1	W/238.2	199.9 / 0.42	1287 Costigan Rd Milton ON L9T0Y9	EHS
Order No: 20170502094 Status: C Report Type: Standard Report Report Date: 09-MAY-17 Date Received: 02-MAY-17 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.847529 Y: 43.524628					

30	1 of 1	W/243.3	199.9 / 0.42	1287 Costigan Road Milton ON L9T 0Y9	EHS
Order No: 20190725001 Status: C Report Type: Standard Select Report Report Date: 31-JUL-19 Date Received: 25-JUL-19 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.847593 Y: 43.524628					

Unplottable Summary

Total: **60** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	RICENBERG DEVELOPMENTS LTD.	DERRY ROAD WEST	MILTON TOWN ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Petro-Canada	Derry Road	Milton ON	

CA	Mattamy (Brownridge) Limited		Milton ON	
CA	The Regional Municipality of Halton	Derry Road(Regional Road 7) from Tremaine Road to Savoline Boulevard	Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	South Derry Developments Limited	Derry Road	Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	The Regional Municipality of Halton	Derry Road (Reg. Rd.7)	Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited		Milton ON	
CA	Mattamy (Brownridge) Limited	Lot 10, Concession 3	Milton ON	
CA	The Regional Municipality of Halton	Derry Road (Regional Road No.7)	Milton ON	
CA	JOE SHAW (IN TRUST)	FOURTH LINE	MILTON TOWN ON	
ECA	South Derry Developments Limited	Derry Road	Milton ON	M2N 5R5
ECA	Mattamy (Brownridge) Limited		Milton ON	L6H 6M5
ECA	Mattamy (Brownridge) Limited		Milton ON	L6H 6M5
ECA	Mattamy (Brownridge) Limited		Milton ON	L6H 6M5
ECA	Petro-Canada	Derry Road	Milton ON	L6L 6N5
ECA	The Regional Municipality of Halton	Derry Road	Milton ON	L6M 3L1
ECA	Mattamy (Brownridge) Limited	Part of Lot 7, Concession 3 NS (Trafalgar)	Milton ON	L9T 8Z4
ECA	Mattamy (Brownridge) Limited		Milton ON	L6H 6M5

ECA	Mattamy (Brownridge) Limited		Milton ON	M5K 1G8
ECA	Mattamy (Brownridge) Limited		Milton ON	M5K 1G8
ECA	Halton District School Board	815 Kennedy Cir W	Milton ON	L7P 5A8
ECA	Mattamy (Brownridge) Limited		Milton ON	M5K 1G8
ECA	Mattamy (Brownridge) Limited	9500 Louis Saint-Laurent Ave	Milton ON	M5K 1G8
ECA	Mattamy (Brownridge) Limited		Milton ON	M5K 1G8
ECA	Halton District School Board	111325 Guelph Line	Halton Hills ON	L7P 5A8
ECA	Mattamy (Brownridge) Limited		Milton ON	M5K 1G8
EHS		Derry Rd	Milton ON	
GEN	Union Gas	Derry Road Hwy 25	Milton ON	
GEN	MILTON HYDRO ELECTRIC COMMISSION	DERRY ROAD, LOT 11, CONC. 1	HALTON ON	L9T 4N9
GEN	MILTON HYDRO ELECTRIC COMMISSION 25-506	DERRY ROAD, LOT 11, CONC. 1	MILTON ON	L9T 4N9
GEN	MILTON HYDRO ELECTRIC COMMISSION	MS4 AND MS5, DERRY ROAD WEST OF HIGHWAY 25	MILTON ON	
HINC		DOLBY CRESCENT, LOT 137	MILTON ON	
RSC	QUADSPRING INC.	0 DERRY ROAD ON	Milton ON	
RSC	QUADSPRING INC.	0 FOURTH LINE ON	Milton ON	
RSC	MATTAMY (BROWNRIDGE) LIMITED	0 COSTIGAN ROAD ON	Milton ON	
SCT	CERKA INDUSTRIES LTD	FOURTH LINE RR 5	MILTON ON	L9T 2X9
SPL		6th line (between Derry Road and Steeles Avenue)	Milton ON	
SPL	CONSUMERS' GAS CO. LTD., THE	CONCESSION #9 SOUTH OF DERRY ROAD REGULATOR/COMPRESSOR STATION	HALTON R.M. ON	

Unplottable Report

Site: *RICENBERG DEVELOPMENTS LTD.
DERRY ROAD WEST MILTON TOWN ON*

Database:
CA

Certificate #: 3-0450-90-
Application Year: 90
Issue Date: 3/21/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited
Milton ON*

Database:
CA

Certificate #: 7828-5S7LY6
Application Year: 2003
Issue Date: 10/16/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited
Milton ON*

Database:
CA

Certificate #: 7258-7E9KXF
Application Year: 2008
Issue Date: 6/27/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited
Milton ON*

Database:
CA

Certificate #: 6752-6F3H7V

Application Year: 2005
Issue Date: 8/8/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 6029-63KHTL
Application Year: 2004
Issue Date: 8/5/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 5677-64PRQG
Application Year: 2004
Issue Date: 9/15/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 5585-7K7S4R
Application Year: 2008
Issue Date: 10/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 5311-6RPHEW
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 5295-6EEH3D
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 5239-6DZHL8
Application Year: 2005
Issue Date: 7/13/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 4623-7EEQ99
Application Year: 2008
Issue Date: 5/9/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
[CA](#)

Certificate #: 4465-88MLNA
Application Year: 2010
Issue Date: 10/22/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
[CA](#)

Certificate #: 4266-6LLKZU
Application Year: 2006
Issue Date: 2/1/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
[CA](#)

Certificate #: 3457-6G7NDR
Application Year: 2005
Issue Date: 9/15/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
[CA](#)

Certificate #: 3232-64MHEK
Application Year: 2004

Issue Date: 9/9/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 2786-6UWPR7
Application Year: 2006
Issue Date: 10/31/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 2699-63LL6G
Application Year: 2004
Issue Date: 8/9/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Petro-Canada*
Derry Road Milton ON

Database:
CA

Certificate #: 2336-78XLMD
Application Year: 2007
Issue Date: 11/14/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited
Milton ON*

Database:
CA

Certificate #: 2062-634HF7
Application Year: 2004
Issue Date: 7/22/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Regional Municipality of Halton
Derry Road(Regional Road 7) from Tremaine Road to Savoline Boulevard Milton ON*

Database:
CA

Certificate #: 2025-86AQQV
Application Year: 2010
Issue Date: 7/29/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited
Milton ON*

Database:
CA

Certificate #: 1418-6EFHGZ
Application Year: 2005
Issue Date: 7/20/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *South Derry Developments Limited
Derry Road Milton ON*

Database:
CA

Certificate #: 1383-6MPSQZ
Application Year: 2006
Issue Date: 3/12/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

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

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 0633-66EKU3
Application Year: 2004
Issue Date: 12/23/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Regional Municipality of Halton*
Derry Road (Reg. Rd.7) Milton ON

Database:
CA

Certificate #: 0568-76JPGU
Application Year: 2007
Issue Date: 8/30/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 0048-7FCHWT
Application Year: 2008
Issue Date: 6/9/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 7982-5P5HMR
Application Year: 2003
Issue Date: 7/8/2003

Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 8325-5HFMJH
Application Year: 2003
Issue Date: 1/6/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 8457-5RGPP8
Application Year: 2003
Issue Date: 9/17/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Milton ON

Database:
CA

Certificate #: 8469-6TKMVM
Application Year: 2006
Issue Date: 9/12/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Mattamy (Brownridge) Limited*
Lot 10, Concession 3 Milton ON

Database:
CA

Certificate #: 9422-63JJXL
Application Year: 2004
Issue Date: 10/13/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Regional Municipality of Halton*
Derry Road (Regional Road No.7) Milton ON

Database:
CA

Certificate #: 7954-82QP3Z
Application Year: 2010
Issue Date: 2/17/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *JOE SHAW (IN TRUST)*
FOURTH LINE MILTON TOWN ON

Database:
CA

Certificate #: 7-0103-88-
Application Year: 88
Issue Date: 2/10/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *South Derry Developments Limited*
Derry Road Milton ON M2N 5R5

Database:
ECA

Approval No: 1383-6MPSQZ
Approval Date: 2006-03-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: South Derry Developments Limited
Address: Derry Road

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Full Address:
Full PDF Link:
PDF Site Location:

<https://www.accessenvironment.ene.gov.on.ca/instruments/6854-6MMQGH-14.pdf>

Site: **Mattamy (Brownridge) Limited**
Milton ON L6H 6M5

Database:
ECA

Approval No: 6239-AAPLJ9
Approval Date: 2016-06-13
Status: Approved
Record Type: ECA
Link Source: IDS

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited

Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1874-AAJR2P-14.pdf>
PDF Site Location:

Site: **Mattamy (Brownridge) Limited**
Milton ON L6H 6M5

Database:
ECA

Approval No: 6968-9J2KT2
Approval Date: 2014-04-14
Status: Approved
Record Type: ECA
Link Source: IDS

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited

Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7088-9G3KLU-14.pdf>
PDF Site Location:

Site: **Mattamy (Brownridge) Limited**
Milton ON L6H 6M5

Database:
ECA

Approval No: 9948-9ATHRA
Approval Date: 2013-08-22
Status: Approved
Record Type: ECA
Link Source: IDS

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited

Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2580-9ARQ6R-14.pdf>
PDF Site Location:

Site: **Petro-Canada**
Derry Road Milton ON L6L 6N5

Database:
ECA

Approval No: 2336-78XLMD
Approval Date: 2007-11-14
Status: Approved
Record Type: ECA

MOE District:
City:
Longitude:
Latitude:

Link Source: IDS
SWP Area Name: ECA-INDUSTRIAL SEWAGE WORKS
Approval Type: INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Petro-Canada
Address: Derry Road
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3326-727TFQ-14.pdf>
PDF Site Location:

Site: *The Regional Municipality of Halton*
Derry Road Milton ON L6M 3L1

Database:
[ECA](#)

Approval No: 9108-7LQKQD
Approval Date: 2008-11-27
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: ECA-Municipal Drinking Water Systems
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Regional Municipality of Halton
Address: Derry Road
Full Address:
Full PDF Link:
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *Mattamy (Brownridge) Limited*
Part of Lot 7, Concession 3 NS (Trafalgar) Milton ON L9T 8Z4

Database:
[ECA](#)

Approval No: 6053-AY4RRW
Approval Date: 2018-06-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address: Part of Lot 7, Concession 3 NS (Trafalgar)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0251-AWFLWM-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *Mattamy (Brownridge) Limited*
Milton ON L6H 6M5

Database:
[ECA](#)

Approval No: 0496-BDHSEE
Approval Date: 2019-07-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1927-BDCL8J-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: *Mattamy (Brownridge) Limited*

Database:
[ECA](#)

Milton ON M5K 1G8

Approval No: 1125-BQL22U
Approval Date: 2020-06-16
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5047-BQ3R26-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **Mattamy (Brownridge) Limited**
Milton ON M5K 1G8

Database:
ECA

Approval No: 1122-C7JNRR
Approval Date: 2021-10-22
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6984-C76PWW-14.pdf>
PDF Site Location: Bayview-Lexis (Phase 1)
Town of Milton, Regional Municipality of Halton

MOE District: Halton-Peel
City:
Longitude:
Latitude:
Geometry X: -8903417.4765000008
Geometry Y: 5388480.8916999986

Site: **Halton District School Board**
815 Kennedy Cir W Milton ON L7P 5A8

Database:
ECA

Approval No: 4870-CCTHGN
Approval Date: April 21, 2022
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Halton District School Board
Address: 815 Kennedy Cir W
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6290-CCBNKK-14.pdf>
PDF Site Location: Kennedy Circle West Road Extension
Town of Milton, Regional Municipality of Halton

MOE District: Halton-Peel
City:
Longitude:
Latitude:
Geometry X: -8892619.4859000016
Geometry Y: 5390077.6937000006

Site: **Mattamy (Brownridge) Limited**
Milton ON M5K 1G8

Database:
ECA

Approval No: 7997-CJMJ2A
Approval Date: October 6, 2022
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited

MOE District: North Bay
City:
Longitude:
Latitude:
Geometry X: -9016878.7543000001
Geometry Y: 5700582.7322999965

Address:

Full Address:

Full PDF Link:

PDF Site Location:

<https://www.accessenvironment.ene.gov.on.ca/instruments/2416-CJ9Q6C-14.pdf>
Mattamy - Bayview Lexis (Phase 2)
Lot 7, Concession 5
Town of Milton, Regional Municipality of Halton

Site: **Mattamy (Brownridge) Limited**
9500 Louis Saint-Laurent Ave Milton ON M5K 1G8

Database:
ECA

Approval No: 2148-CJMJSW
Approval Date: December 1, 2022
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address: 9500 Louis Saint-Laurent Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7215-CJAPBE-14.pdf>
PDF Site Location: 9500 Louis Saint-Laurent Avenue
Lot 8, Concession 4
Town of Milton, Regional Municipality of Halton

MOE District: North Bay
City:
Longitude:
Latitude:
Geometry X: -9016878.7543000001
Geometry Y: 5700582.7322999965

Site: **Mattamy (Brownridge) Limited**
Milton ON M5K 1G8

Database:
ECA

Approval No: 0351-CM5QUJ
Approval Date: December 16, 2022
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0417-CLWR4R-14.pdf>
PDF Site Location: Mattamy - Bayview Lexis
Lot 7, Concession 5
Town of Milton, Regional Municipality of Halton

MOE District: North Bay
City:
Longitude:
Latitude:
Geometry X: -9016878.7543000001
Geometry Y: 5700582.7322999965

Site: **Halton District School Board**
111325 Guelph Line Halton Hills ON L7P 5A8

Database:
ECA

Approval No: 5616-C2GQWD
Approval Date: 2021-05-31
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Grand River
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Halton District School Board
Address: 111325 Guelph Line
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9129-BWJRKZ-14.pdf>
PDF Site Location:

MOE District: Halton-Peel
City:
Longitude: -80.124016
Latitude: 43.586597
Geometry X: -8919364.6614
Geometry Y: 5401688.415499999

Site: **Mattamy (Brownridge) Limited**

Database:

Approval No: 9425-BTBUF5
Approval Date: 2020-09-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Brownridge) Limited
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6004-BT4HRU-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: Derry Rd Milton ON

Database:
 EHS

Order No: 20120725017
Status: C
Report Type: Custom Report
Report Date: 01-AUG-12
Date Received: 25-JUL-12
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .5
X: -79.791475
Y: 1

Site: Union Gas
 Derry Road Hwy 25 Milton ON

Database:
 GEN

Generator No: ON4824140
SIC Code: 221210
SIC Description: Natural Gas Distribution
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Site: MILTON HYDRO ELECTRIC COMMISSION
 DERRY ROAD, LOT 11, CONC. 1 HALTON ON L9T 4N9

Database:
 GEN

Generator No: ON0516802
SIC Code: 9951
SIC Description: DISINF./EXTERM. SERV
Approval Years: 88,89
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Site: MILTON HYDRO ELECTRIC COMMISSION 25-506
DERRY ROAD, LOT 11, CONC. 1 MILTON ON L9T 4N9

Database:
GEN

Generator No: ON0516802
SIC Code: 9951
SIC Description: DISINF./EXTERM. SERV
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Site: MILTON HYDRO ELECTRIC COMMISSION
MS4 AND MS5, DERRY ROAD WEST OF HIGHWAY 25 MILTON ON

Database:
GEN

Generator No: ON0516804
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
Approval Years: 97,98,99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 121
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Site: DOLBY CRESCENT, LOT 137 MILTON ON

Database:
HINC

External File Num: FS INC 0807-03427
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 6/24/2008
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: No
Property Damage: Yes
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No
Management:Yes Human Factors:Yes

Reported Details:

Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Halton
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

Site: **QUADSPRING INC.**
0 DERRY ROAD ON Milton ON

Database:
RSC

RSC No:	234431	X:	-79.84025308205094
RA No:		Y:	43.52545649822164
Status:	FILED	Latitude:	43.5254565
Filing Date:		Longitude:	-79.84025308
Date Ack:		UTM Coordinates:	
Date Returned:		Latitude Longitude:	
Approval Date:	October 11, 2022	Accuracy Estimate:	
Cert Date:		Measurement Method:	
Cert Prop Use No:		Mailing Address:	
Curr Property Use:		Telephone:	
Intended Prop Use:		Fax:	
Restoration Type:		Email:	
Soil Type:		Postal Code:	L9T 7J1
Criteria:		Ministry District:	
Stratified (Y/N):		MOE District:	Halton-Peel
Audit (Y/N):		SWP Area Name:	Halton
Entire Leg Prop. (Y/N):		Qual Person Name:	SAMUEL LEE
CPU Issu Sect 1686:		Consultant:	
Business Name:	QUADSPRING INC.		
Address:	0 DERRY ROAD ON		
Legal Desc:			
Site Pin:	24936-0057 (LT), 24936-7248 (LT), 24936-7249 (LT), 24936-7689 (LT)		
Asmt Roll No:			
Project Type:	POST2011		
Approval Type:	RSC based on Phase One and Two ESAs		
Applicable Standards:			
Pdf Link:	https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=234431		

Site: **QUADSPRING INC.**
0 FOURTH LINE ON Milton ON

Database:
RSC

RSC No:	234431	X:	-79.84025308205094
RA No:		Y:	43.52545649822164
Status:	FILED	Latitude:	43.5254565
Filing Date:		Longitude:	-79.84025308
Date Ack:		UTM Coordinates:	
Date Returned:		Latitude Longitude:	
Approval Date:	October 11, 2022	Accuracy Estimate:	
Cert Date:		Measurement Method:	
Cert Prop Use No:		Mailing Address:	
Curr Property Use:		Telephone:	
Intended Prop Use:		Fax:	
Restoration Type:		Email:	
Soil Type:		Postal Code:	L9T 7J1
Criteria:		Ministry District:	
Stratified (Y/N):		MOE District:	Halton-Peel
Audit (Y/N):		SWP Area Name:	Halton
Entire Leg Prop. (Y/N):		Qual Person Name:	SAMUEL LEE
CPU Issu Sect 1686:		Consultant:	
Business Name:	QUADSPRING INC.		
Address:	0 FOURTH LINE ON		
Legal Desc:			

Site Pin: 24936-0057 (LT), 24936-7248 (LT), 24936-7249 (LT), 24936-7689 (LT)
Asmt Roll No:
Project Type: POST2011
Approval Type: RSC based on Phase One and Two ESAs
Applicable Standards:
Pdf Link: <https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=234431>

Site: **MATTAMY (BROWNRIDGE) LIMITED**
0 COSTIGAN ROAD ON Milton ON

Database:
RSC

RSC No: 221791
RA No:
Status: FILED
Filing Date:
Date Ack:
Date Returned:
Approval Date: May 3, 2016
Cert Date:
Cert Prop Use No:
Curr Property Use:
Intended Prop Use:
Restoration Type:
Soil Type:
Criteria:
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
CPU Issu Sect 1686:
Business Name: MATTAMY (BROWNRIDGE) LIMITED
Address: 0 COSTIGAN ROAD ON
Legal Desc:
Site Pin: 25074-0014 (LT), 25074-1989 (LT), 25074-1990 (LT), 25074-1991 (LT), 25074-1992 (LT), 25074-1993 (LT), 25074-1994 (LT)
Asmt Roll No:
Project Type: POST2011
Approval Type: RSC based on Phase One ESA
Applicable Standards:
Pdf Link: <https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=221791>

X: -79.84532487582197
Y: 43.52353772533907
Latitude: 43.52353773
Longitude: -79.84532488
UTM Coordinates:
Latitude Longitude:
Accuracy Estimate:
Measurement Method:
Mailing Address:
Telephone:
Fax:
Email:
Postal Code: L9T 7Y9
Ministry District:
MOE District: Halton-Peel
SWP Area Name: Halton
Qual Person Name: FRANCESCO GAGLIARDI
Consultant:

Site: **CERKA INDUSTRIES LTD**
FOURTH LINE RR 5 MILTON ON L9T 2X9

Database:
SCT

Established: 1977
Plant Size (ft²): 20000
Employment: 10

--Details--

Description: TRANSPORTATION EQUIPMENT, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3799

Description: GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3569

Description: MOTOR VEHICLE PARTS AND ACCESSORIES
SIC/NAICS Code: 3714

Site: **6th line (between Derry Road and Steeles Avenue) Milton ON**

Database:
SPL

Ref No: 4065-7M9L8F
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/12/2008

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:

Dt Document Closed:**Agency Involved:****Site No:****MOE Response:****Site County/District:****Site Geo Ref Meth:****Site District Office:** Halton-Peel**Nearest Watercourse:****Site Name:** 6th line (between Derry Road and Steeles Avenue) along the Hydro One Power Corridor<UNOFFICIAL>**Site Address:****Site Region:****Site Municipality:** Milton**Site Lot:****Site Conc:****Site Geo Ref Accu:****Site Map Datum:****Northing:****Easting:****Incident Cause:** Pipe Or Hose Leak**Incident Event:****Environment Impact:** Possible**Nature of Impact:** Soil Contamination**Contaminant Qty:** 4 L**System Facility Address:****Client Name:****Client Type:****Source Type:****Contaminant Code:** 15**Contaminant Name:** HYDRAULIC OIL**Contaminant Limit 1:****Contam Limit Freq 1:****Contaminant UN No 1:****Receiving Medium:****Incident Reason:** Spill**Incident Summary:** Black & MacDonald: 4L hydraulic oil to grnd. clng.**Activity Preceding Spill:****Property 2nd Watershed:****Property Tertiary Watershed:****Sector Type:****SAC Action Class:** Land Spills**Call Report Locatn Geodata:****Site:** CONSUMERS' GAS CO. LTD., THE
CONCESSION #9 SOUTH OF DERRY ROAD REGULATOR/COMPRESSOR STATION HALTON R.M. ON**Database:**
SPL**Ref No:** 40748**Year:****Incident Dt:** 9/14/1990**Dt MOE Arvl on Scn:****MOE Reported Dt:** 9/14/1990**Dt Document Closed:****Site No:****MOE Response:****Site County/District:****Site Geo Ref Meth:****Site District Office:****Nearest Watercourse:****Site Name:****Site Address:****Site Region:****Site Municipality:** HALTON R.M.**Site Lot:****Site Conc:****Site Geo Ref Accu:****Site Map Datum:****Northing:****Easting:****Incident Cause:** VALVE/FITTING LEAK OR FAILURE**Municipality No:** 14000**Nature of Damage:****Discharger Report:****Material Group:****Health/Env Conseq:****Agency Involved:**

Incident Event:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: AIR
Incident Reason: INTENTIONAL/PLANNED
Incident Summary: CONSUMERS GAS: NATURAL GAS TO AIR WHILE LOWERING PRESSURE IN PIPELINE
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

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](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

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-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Apr 30, 2024

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 -Nov 2023

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 2024

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Mar 31, 2024

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886 - Aug 2023**Delisted Fuel Tanks:**

Provincial

DTNK

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

Government Publication Date: Oct 2023**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, 2024**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, 2024**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, 2024**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-Mar 31, 2024**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: Apr 30, 2022

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 / 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, 2022

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Oct 2023

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Mar 2024

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Oct 2023

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-Oct 31, 2022

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 2021

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2024

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, 2022

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-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020:

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic:

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. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2024

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Aug 2023

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 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, 2024

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011-Mar 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-1990, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2024

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-Apr 30, 2024

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

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 - Apr 2023

Variations for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

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, 2024

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 2023

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



**Ministry of the Environment,
Conservation and Parks**

Corporate Management Division

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

Division de la gestion ministérielle

May 30, 2024

Nicholas Hehl
DS Consultants

Dear Nicholas Hehl

RE: Request #: EPI-2024-2000004353

Requestor provided Client Reference: 24-165-100

Site address: Lot Part of Lot 11, Concession 4, Trafalgar , Town of Milton

This letter confirms that, after conducting a thorough search of its source system applications, the ministry has identified potential records related to your property request. Our search indicates that the ministry may hold the following records:

- Correspondence, Abatement, Occurrence reports
- Environmental Planning
- Municipal and Private Sewage Works¹
- Municipal Drinking Water Systems¹
- Municipal and Private Water Works¹
- Permits To Take Water¹
- Sewage Approval¹
- Water Approval¹
- Waste Management Records

If you would like to submit a Freedom of Information (FOI) request to the ministry, please return to the table on the Requests tab of the EPI application and select "Submit FOI" under the Actions column in the row identified by EPI-2024-2000004353.

If you have any questions regarding the matter, please contact the ministry at eproperty@ontario.ca.

Sincerely,

Environmental Property Information (EPI) Program

Disclaimer

This search result is provided for informational purposes only and is not intended to provide specific advice or recommendations. The Ministry of the Environment, Conservation and Parks (MECP) cannot and does not guarantee that the information provided is current, accurate, complete, or free of errors. Any reliance upon this information is solely at the risk of the user.

¹ In addition to the core reports (e.g Environmental Compliance Approval), there may be extensive supporting documentation associated with this record type. When transferring your request over to FOI, we encourage you to refine the scope of your request to only the supporting documentation required for your purposes, as the inclusion of this additional documentation can add significant processing time.

Le 30 mai 2024

Nicholas Hehl
DS Consultants

Madame,
Monsieur, Nicholas Hehl
Objet : No de demande : EPI-2024-2000004353
Le demandeur a fourni une référence client: 24-165-100
Adresse du site: Lot Part of Lot 11, Concession 4, Trafalgar , Town of Milton

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ses applications de système source, le ministère a circonscrit des dossiers potentiels reliés à votre demande concernant des biens immobiliers. Notre recherche indique que les dossiers suivants peuvent être en possession du ministère:

- Correspondence, Abatement, Occurrence reports
- Environmental Planning
- Municipal and Private Sewage Works¹
- Municipal Drinking Water Systems¹
- Municipal and Private Water Works¹
- Permits To Take Water¹
- Sewage Approval¹
- Water Approval¹
- Waste Management Records

Si vous souhaitez soumettre une demande de liberté d'information (FOI) au ministère, veuillez retourner au tableau de l'onglet Requêtes de l'application EPI et sélectionner "Soumettre FOI" dans la colonne Actions de la ligne identifiée par EPI-2024-2000004353.

Si vous avez des questions concernant votre demande, nous vous invitons à communiquer avec le ministère à l'adresse électronique suivante : eproperty@ontario.ca.

Veillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

Avertissement

Ce résultat de recherche est fourni uniquement à titre informatif et n'a aucunement pour but de donner des conseils particuliers ou des recommandations. Le ministère de l'Environnement de la Protection de la nature et des Parcs (MEPP) ne peut pas garantir que les renseignements fournis sont à jour, exacts, complets et exempts d'erreurs. L'utilisateur qui se fie à ces renseignements le fait à ses seuls risques.

¹ En plus des rapports de base (par exemple, l'approbation de conformité environnementale), il peut y avoir de nombreux documents justificatifs associés à ce type d'enregistrement. Lors du transfert de votre demande vers FOI, nous vous encourageons à affiner la portée de votre demande en ne tenant compte que des pièces justificatives requises pour vos besoins, car l'inclusion de ces documents supplémentaires peut ajouter un temps de traitement important.

Nicholas Hehl

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Thursday, May 30, 2024 5:13 PM
To: Nicholas Hehl
Subject: RE: UST/AST Search

This email was sent from outside your organisation. This often happens in phishing attempts. Please only interact with this email if you know its source and that the content is safe.

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationsservices@tssa.org.

Kind regards,
Sherees



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Nicholas Hehl <NHehl@dsconsultants.ca>
Sent: Thursday, May 30, 2024 4:55 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: UST/AST Search

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

Could you please search your records for ASTs and/or USTs at the following addresses:

- 625 Sauve Street, Milton
- 9980 Derry Road, Milton
- 500 Cedar Hedge Road, Milton

Regards,



Nicholas Hehl, B.Sc.
Assistant Project Manager
DS Consultants Ltd.

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

Tel: (905) 264-9393

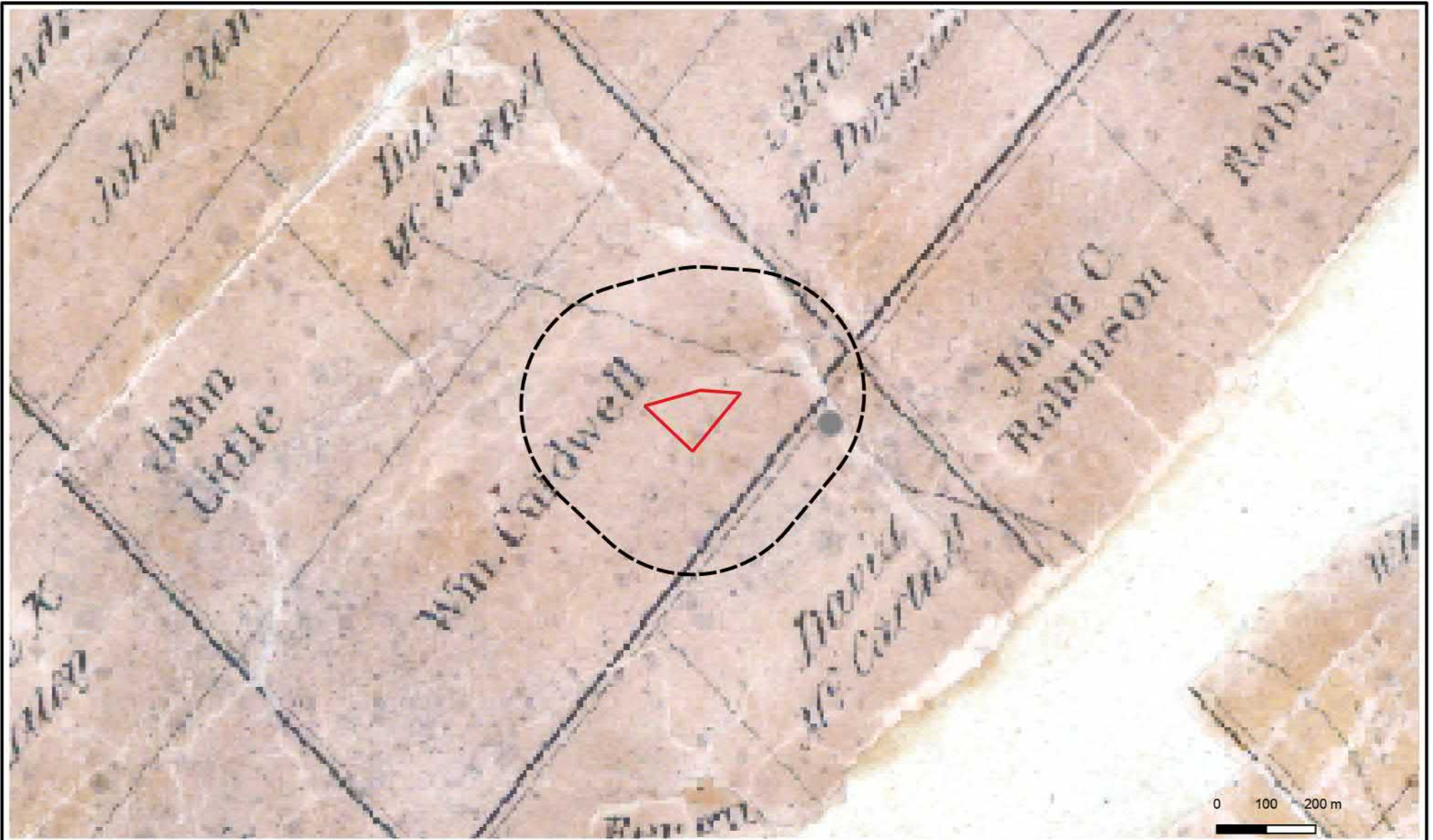
Cell: (519) 574 9901

www.dsconsultants.ca

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Appendix E



Legend

-  Property Boundary
-  250m Buffer



DS CONSULTANTS LTD.

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

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 Part Lot 11 Concession 4, Milton, ON

Title: **HALTON COUNTY ATLAS IMAGE - 1858**



Client:
BRANTHAVEN DEVELOPMENT

Size:
 8.5 x 11

Rev:
 0

Approved By: N.H

Scale: As Shown

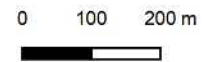
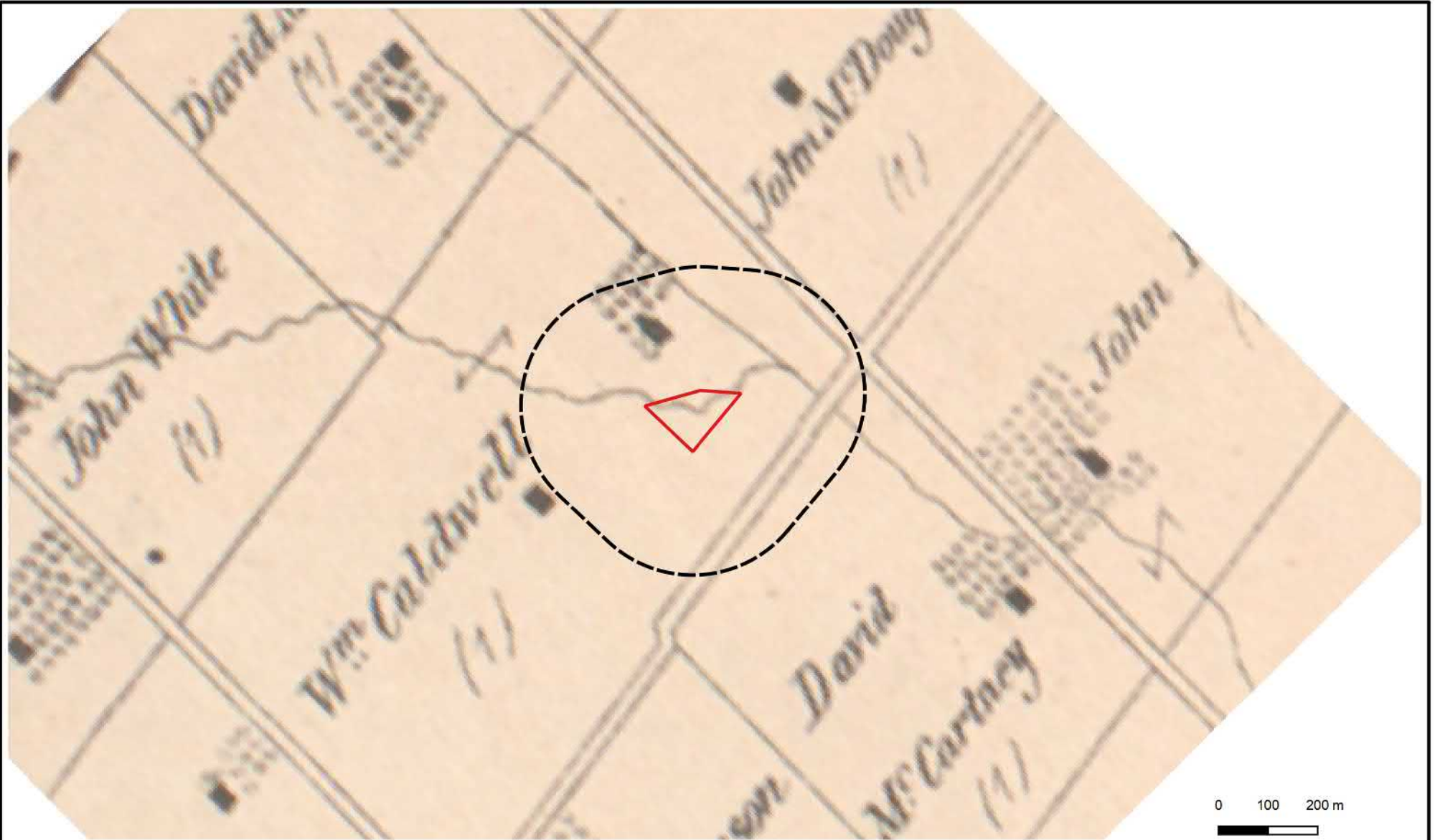
Image/Map Source: *Halton County Atlas*

Drawn By: P.P

Project No.: 24-165-100

Date: September 2024

Figure No.: **E-1**



Legend

-  Property Boundary
-  250m Buffer



DS CONSULTANTS LTD.

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

Client:
BRANTHAVEN DEVELOPMENT

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 Part Lot 11 Concession 4, Milton, ON**

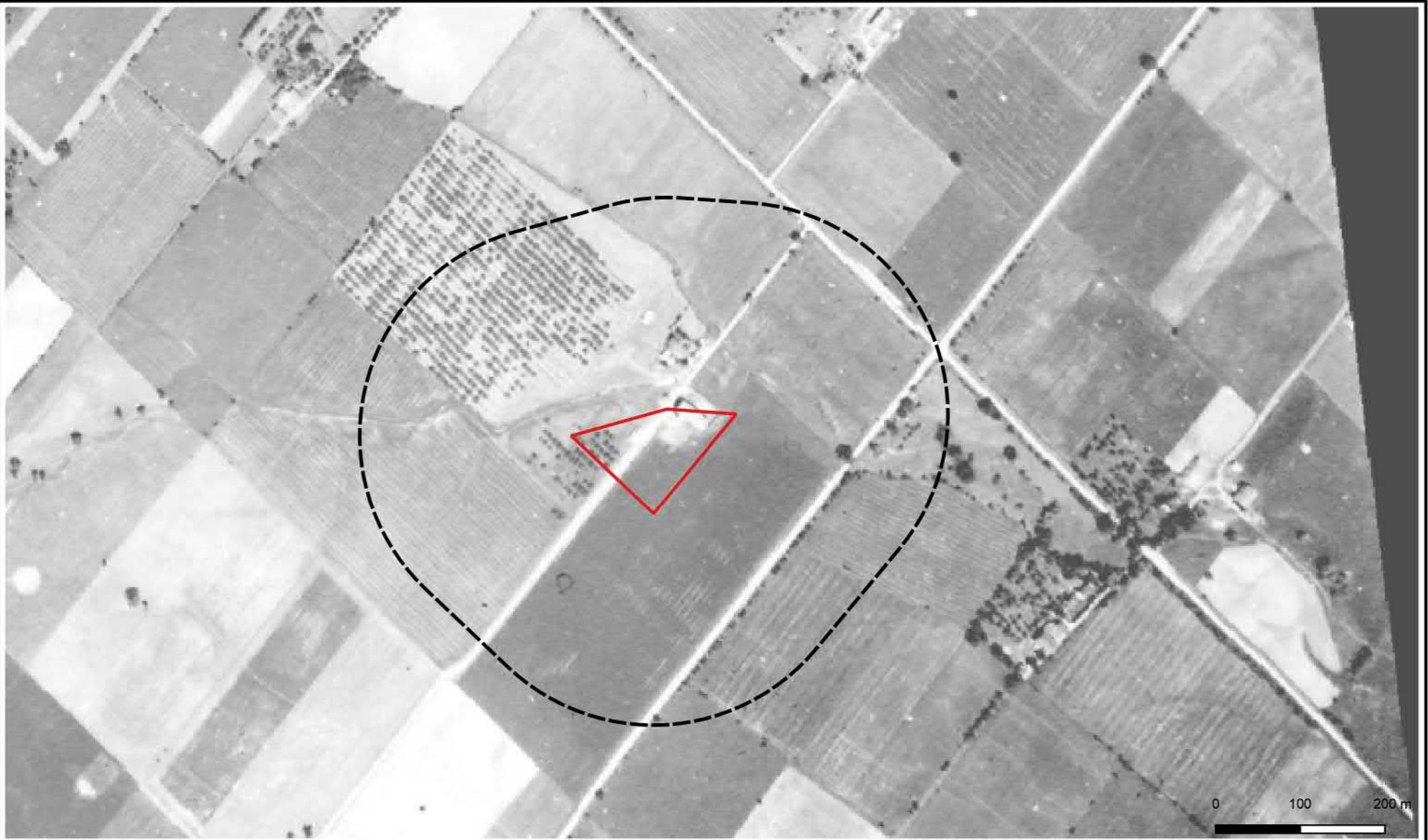
Title: **HALTON COUNTY ATLAS IMAGE - 1880**



Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
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Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-2
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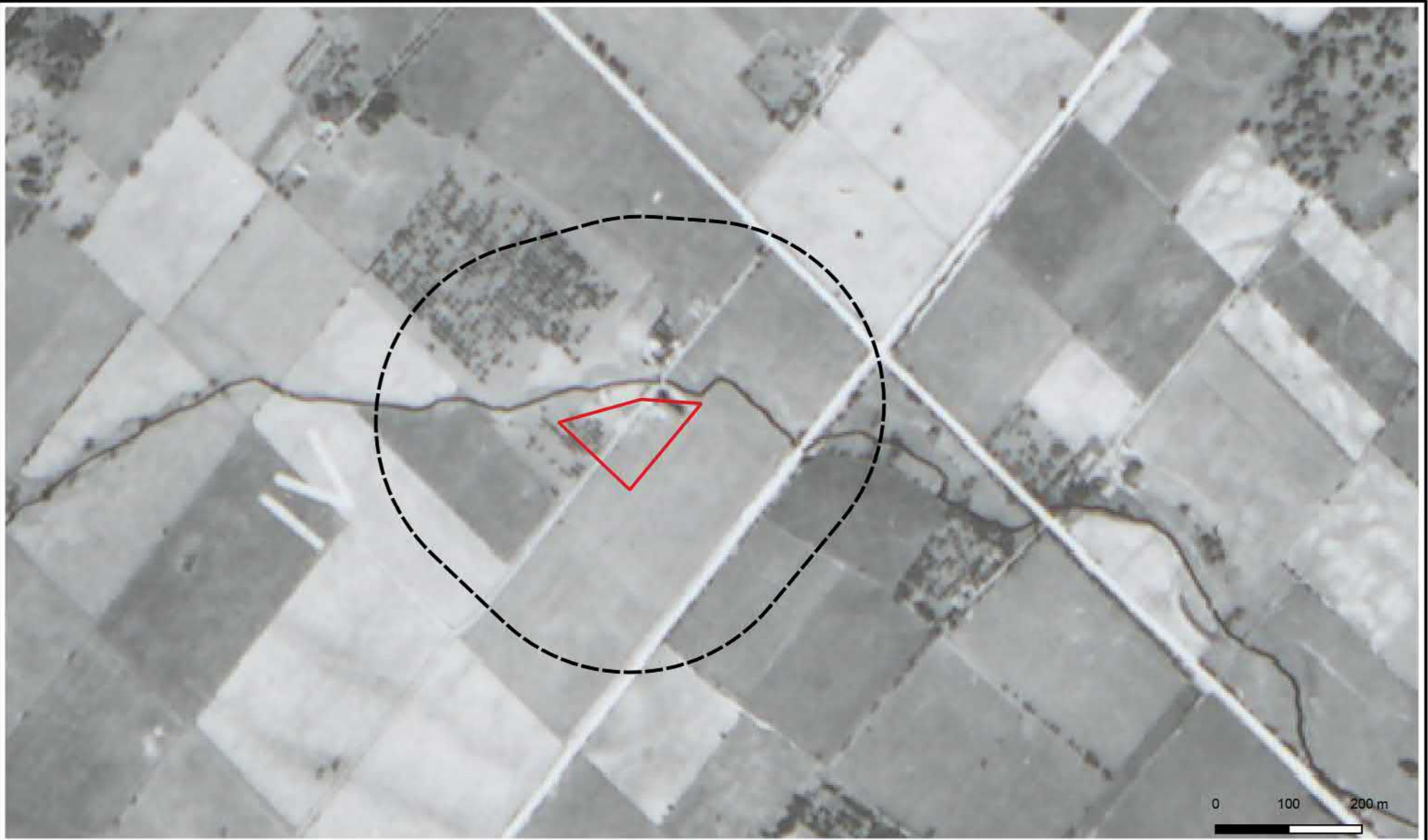
Image/Map Source: *Halton County Atlas*




Legend

- Property Boundary
- 250m Buffer

 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: AERIAL PHOTOGRAPH - 1946			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
Rev: 0		Scale: As Shown	Project No.: 24-165-100	Figure No.: E-3
Image/Map Source: National Air Photo Library Image				



Legend

-  Property Boundary
-  250m Buffer



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

Client:
BRANTHAVEN DEVELOPMENT

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
 Part Lot 11 Concession 4, Milton, ON

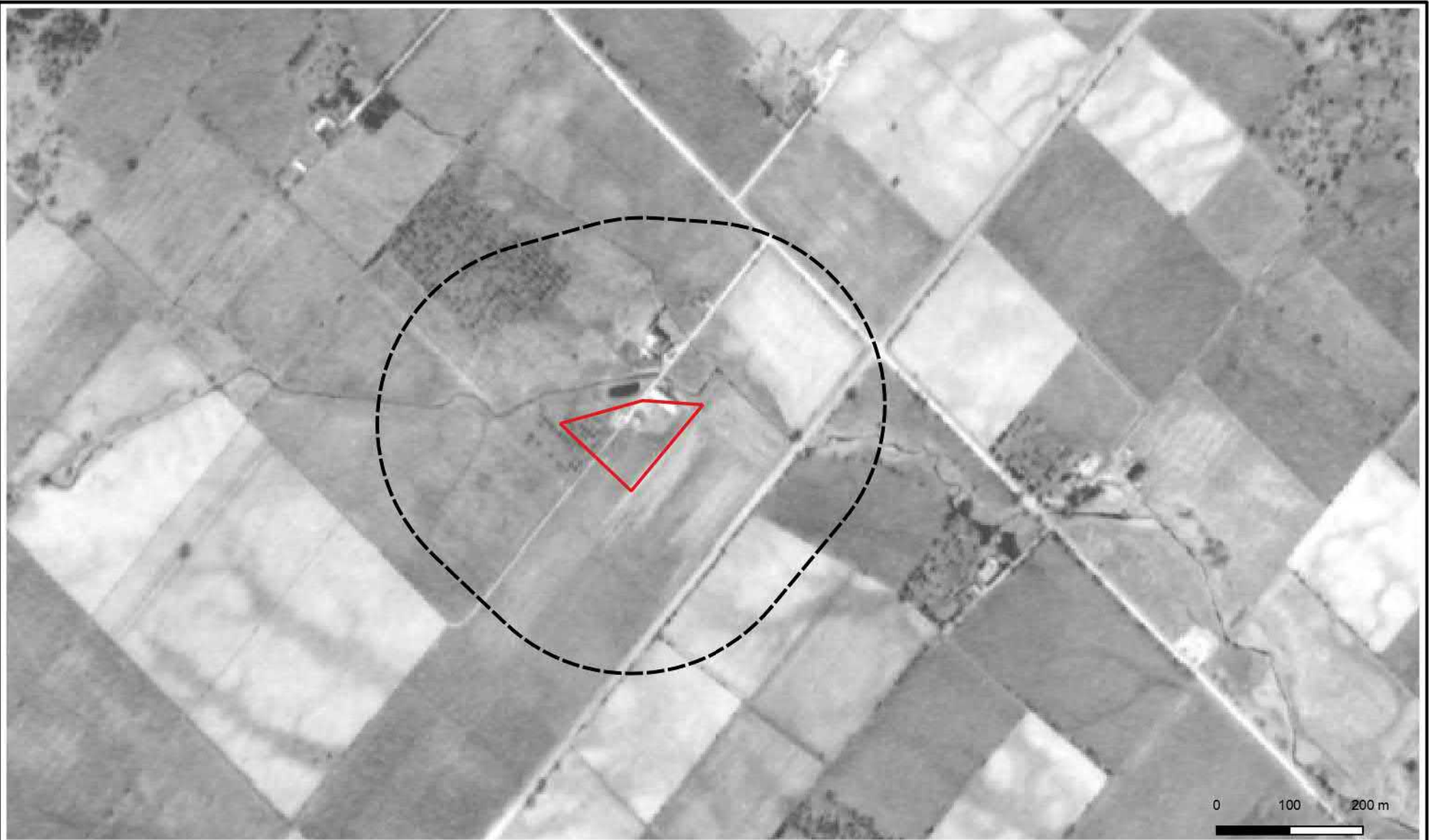
Title: **AERIAL PHOTOGRAPH - 1954**



Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
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Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-4
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Image/Map Source: *University of Toronto Libraries Image*



Legend

- Property Boundary
- 250m Buffer



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 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
BRANTHAVEN DEVELOPMENT

Project: **PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**
 Part Lot 11 Concession 4, Milton, ON

Title: **AERIAL PHOTOGRAPH - 1962**



Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
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Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-5
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Image/Map Source: National Air Photo Library Image



Legend

- Property Boundary
- 250m Buffer



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Title: **AERIAL PHOTOGRAPH - 1974**



Client:
BRANTHAVEN DEVELOPMENT

Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
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Rev. 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-6
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Image/Map Source: National Air Photo Library Image



Legend

- Property Boundary
- 250m Buffer



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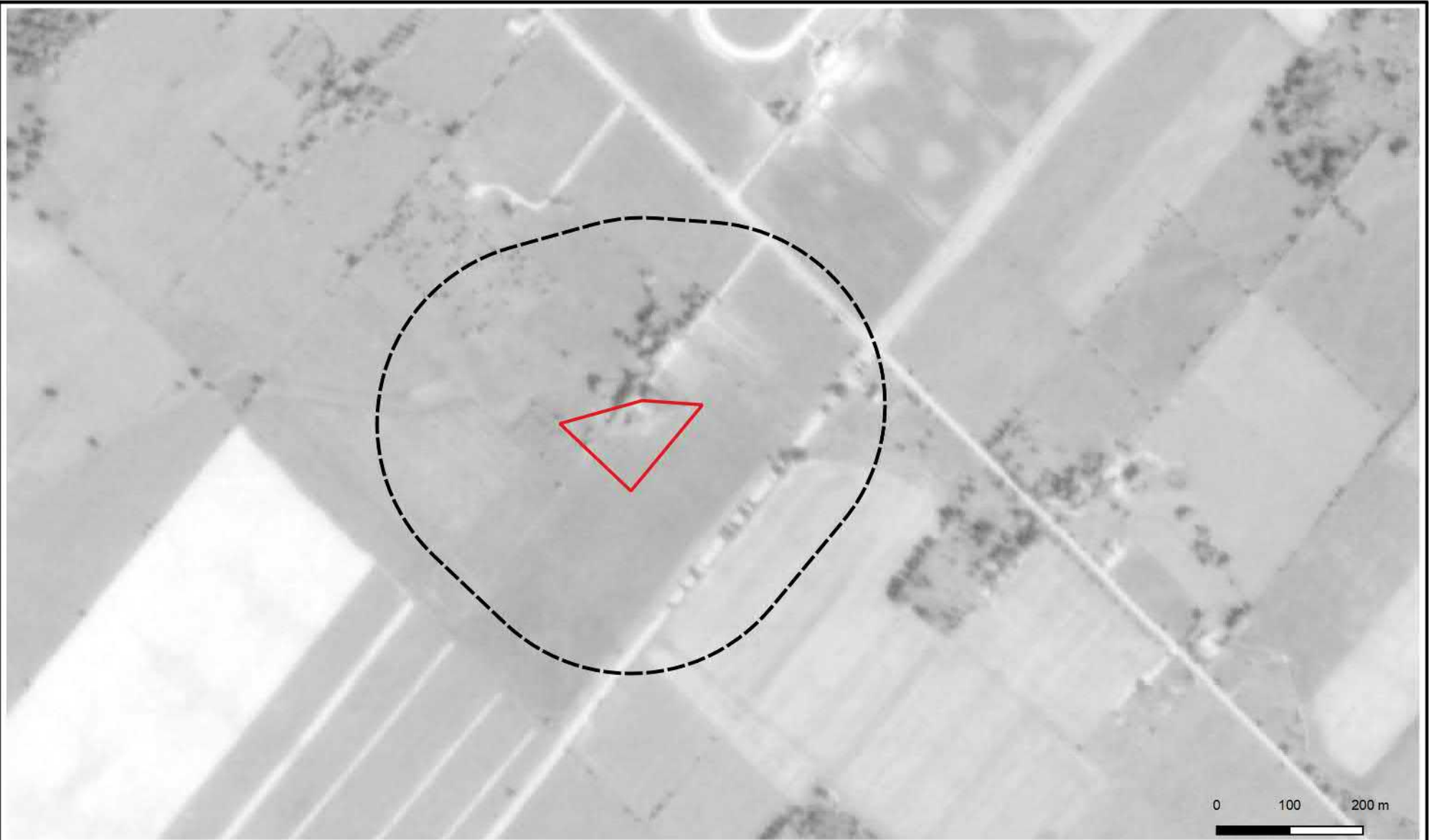
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Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
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Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-7
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Image/Map Source: National Air Photo Library Image





Legend

- Property Boundary
- 250m Buffer

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	Title: AERIAL PHOTOGRAPH - 1988			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-8
Image/Map Source: <i>National Air Photo Library Image</i>				



Legend



	Property Boundary
	250m Buffer

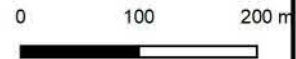
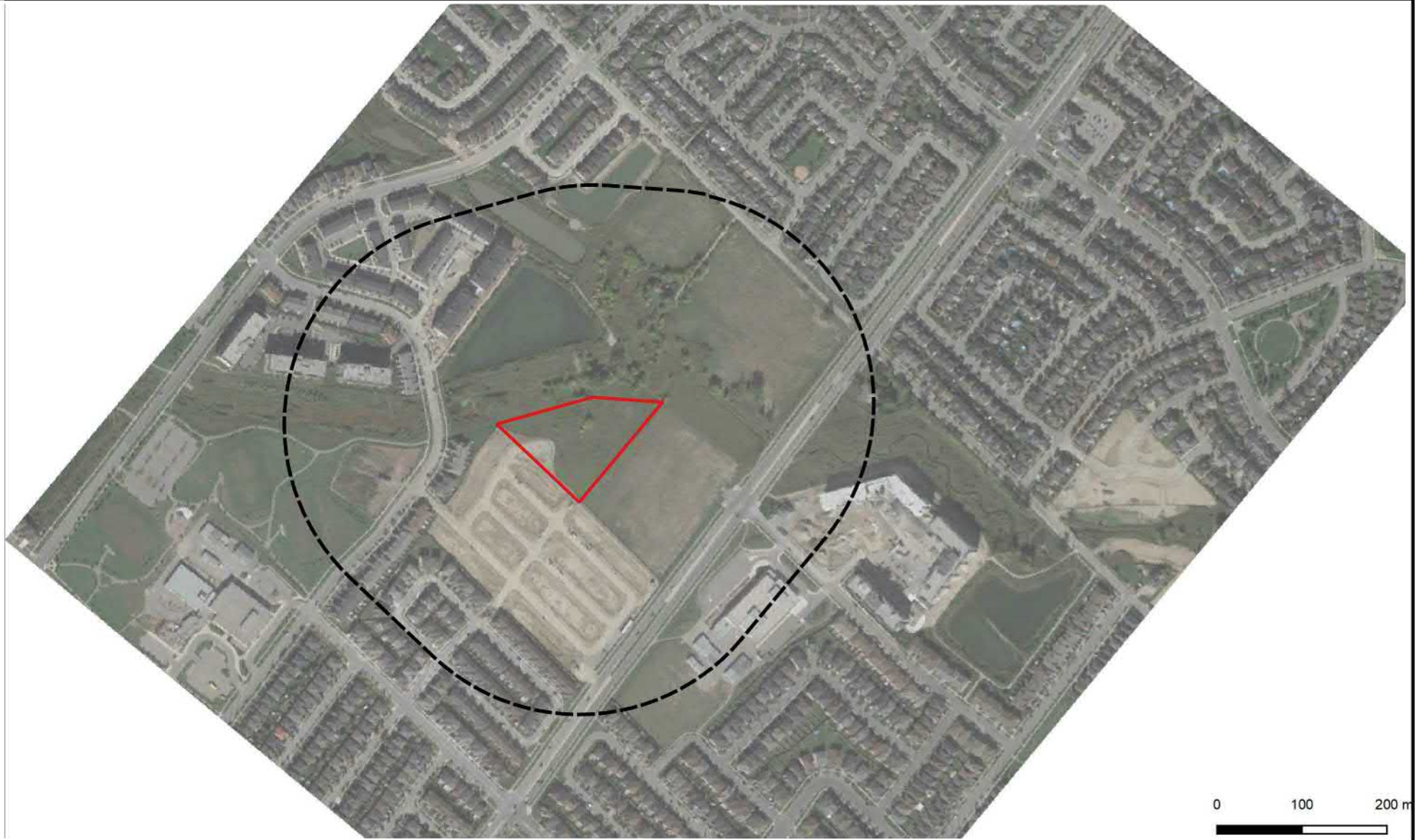
 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: SATELLITE IMAGE - 2004			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-9
Image/Map Source: Google Earth Pro Image				



Legend



- Property Boundary
- 250m Buffer

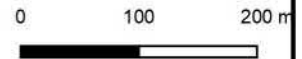
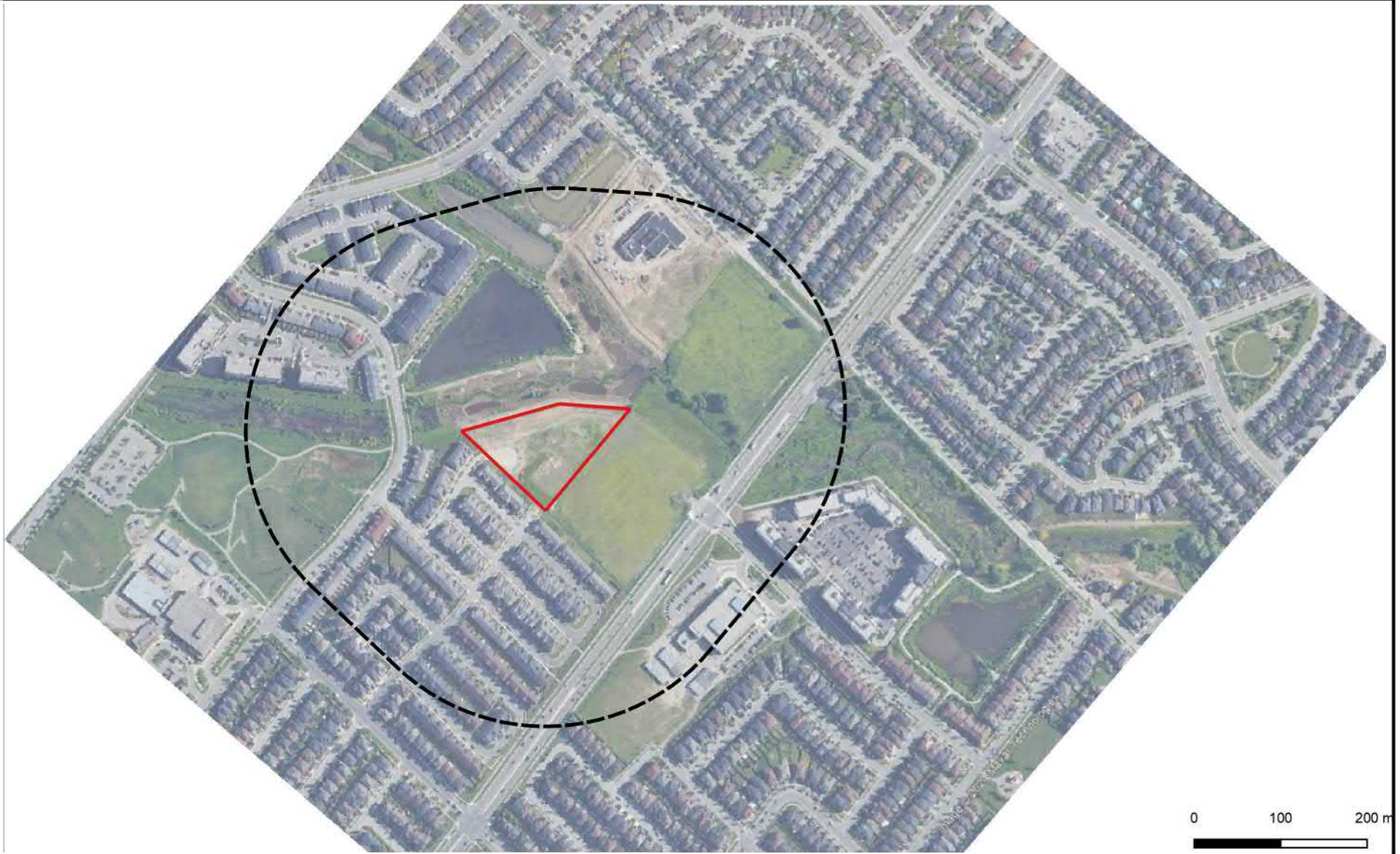
 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: SATELLITE IMAGE - 2013			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-10
Image/Map Source: Google Earth Pro Image				




Legend



-  Property Boundary
-  250m Buffer

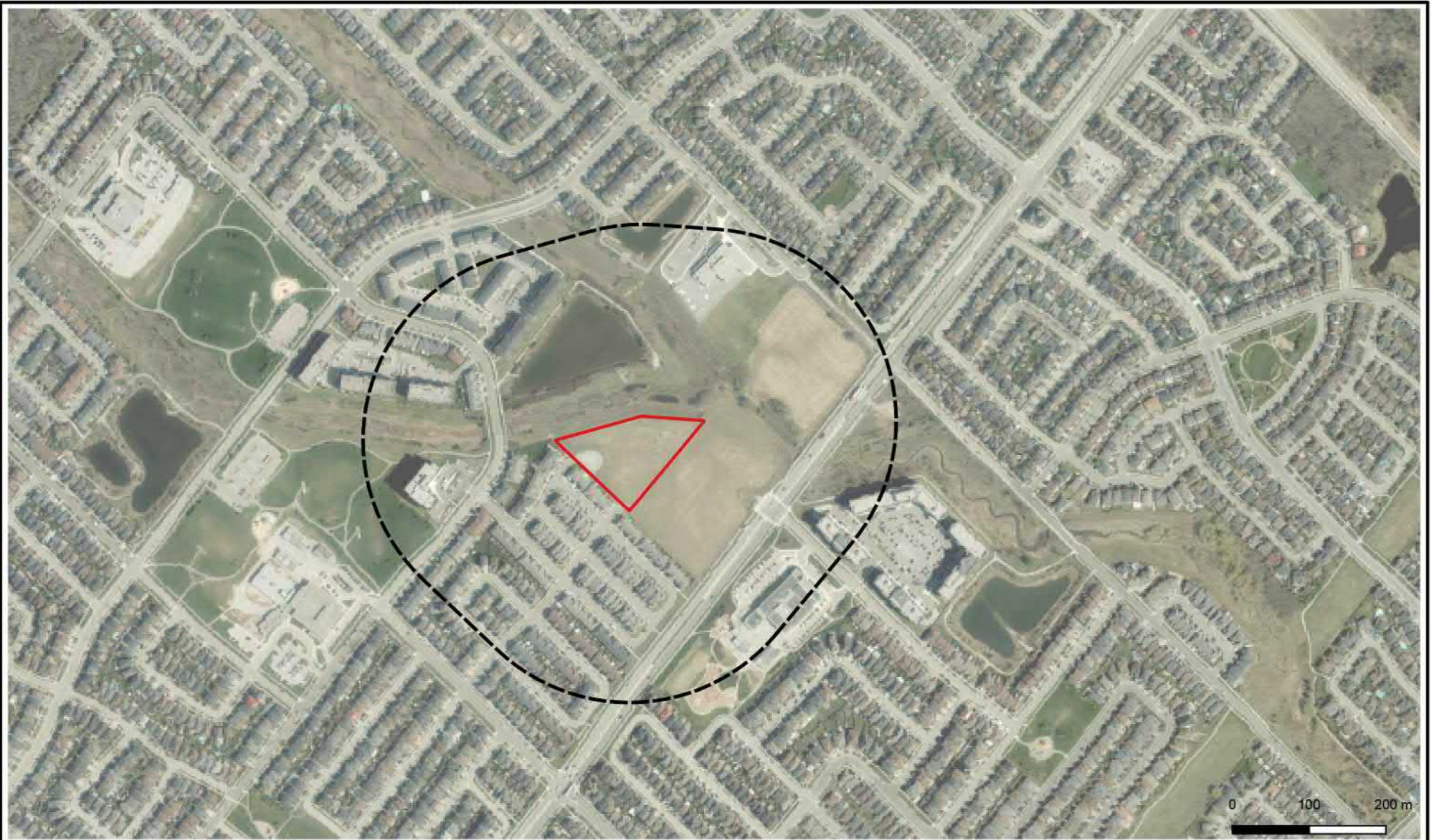
 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT Part Lot 11 Concession 4, Milton, ON			
	Title: SATELLITE IMAGE - 2016			
Client: BRANTHAVEN DEVELOPMENT	Size: 3.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-11
	Image/Map Source: Google Earth Pro Image			



Legend

-  Property Boundary
-  250m Buffer

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	Title: SATELLITE IMAGE - 2019			
Client: BRANTHAVEN DEVELOPMENT	Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
	Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-12
	Image/Map Source: Google Earth Pro Image			



0 100 200 m

Legend

- Property Boundary
- 250m Buffer



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Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 Part Lot 11 Concession 4, Milton, ON

Title: **SATELLITE IMAGE - 2023**



Client:
BRANTHAVEN DEVELOPMENT

Size: 8.5 x 11	Approved By: N.H	Drawn By: P.P	Date: September 2024
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Rev: 0	Scale: As Shown	Project No.: 24-165-100	Figure No.: E-13
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Image/Map Source: MAXAR Technologies Image



Appendix F



Picture 1: View of the southern entrance of the Site from Derry Road, facing north.



Picture 2: View of the NHS featuring Middle Sixteen Mile Creek traversing the central portion of the Site, facing north.



Picture 3: View of drainage ditch traversing the southern portion of the Site from the southeast corner of the Site, facing west.



Picture 4: View of the eastern portion of the Site from the southeast corner of the Site, facing northwest.



Picture 5: View of the eastern property boundary from the southeast corner of the Site, facing north.



Picture 6: View of the eastern portion of the Site from the north-central portion of the Site, facing east.



Picture 7: View of the woodlot located in the central portion of the Site, facing west.



Picture 8: View of the NHS featuring Middle Sixteen Mile Creek traversing the central portion of the Site, facing north.



Picture 9: View of the western portion of the Site from the north-central portion of the Site, facing west.



Picture 10: View of the western property boundary from the northwest corner of the Site, facing south.



Picture 11: View of the western portion of the Site from the south-central portion of the Site, facing northwest.



Picture 12: View of the public school located south of the Site, facing southwest.



Picture 13: View of the residential mid-rise and NHS feature south of the Site, facing southeast.



Picture 14: View of a building undergoing construction south of the Site, facing southeast.



Picture 15: View of the pedestrian path and residential subdivision east of the Site, facing northeast.



Picture 16: View of the schoolyard of an elementary school north of the Site, facing northwest.



Picture 17: View of the NHS featuring Middle Sixteen Mile Creek on the north adjacent property, facing north.



Picture 18: View of an agricultural field on the north adjacent property, facing northwest.



Picture 19: View of a row of residential dwellings on the west adjacent property, facing southwest.

