Phase One Environmental Site Assessment

3035 Old School Road

Caledon, Ontario.

Prepared For:

Argo Kennedy Limited

4900 Palladium Way

Burlington Ontario

L7M 0W7

DS Project No: 19-312-100
Date: 2021-07-15

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Executive Summary

DS Consultants Ltd. (DS) was retained by Argo Kennedy Limited (the "Client") to conduct a Phase One Environmental Site Assessment (ESA) of the Property with the municipal address of 3035 Old School Road , Caledon, Ontario., herein referred to as the "Phase One Property" or the "Site". It is DS' understanding that this Phase One ESA has been requested for due diligence purposes in association with the proposed redevelopment of the Property for mixed residential/commercial purposes.

The Phase One ESA was completed in general accordance with 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.

The Phase One Property is an irregular shaped 32.5-hectare (80.40 acres) parcel of land situated within an agricultural/residential neighborhood in the Town of Caledon, Ontario. The Phase One Property is located at the southeastern corner of the intersection of Old School Road and Hurontario Street and has been used historically for agricultural and residential purposes since the mid-1870s. The Site is currently developed with a residential dwelling (Site Building A) with four (4) associated agricultural structures located within the central portion of the property, including a one-storey concrete block detached garage located immediately south of Site Building A (Shed 1), a dilapidated two-storey wood framed barn (Barn 1), a two-storey corrugated metal barn (Barn 2), and a corrugated steel quonset hut (Quonset Hut 1). Site Building A is a two-storey brick clad building containing a single level of underground basement. Between 2009 and 2020 the northwestern portion of the Site was also utilized for commercial purposes whereby four single storey buildings (Former Site Buildings B, C and D) were constructed and operated as a sales centre for residential housing before being demolished.

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

- The topography of the Phase One Property is generally rolling with a surface elevation ranging of 269 metres above sea level (masl). The topography within the Phase One Study Area generally slopes to the south, towards Etobicoke Creek located approximately 780m south of the Phase One Property. The nearest body of water to the Phase One Property are several tributaries of the Etobicoke Creek, which intersect the northeast portion of the Phase

One Property and flow southwest. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6.1 metres below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be south towards Etobicoke Creek. Long term groundwater monitoring would be required in order to confirm the direction of groundwater flow on the Phase One Property;

- Based on a review of the OGS Earth database, the Phase One Property is situated within a drumlinized till plain physiographic region. The surficial geology within the majority of the Phase One Property is described as "clay to silt-textured till derived from glaciolacustrine deposits or shale" and as "modern alluvial deposits consisting of clay, silt, sand and gravel" along the water bodies intersecting across the Property. The bedrock is described as "shale and siltstone with minor limestone and sandstone of the Queenston formation". Based on a review of the MECP Well Records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 25 to 30 mbgs;
- The Phase One Property was registered as a waste generator for petroleum distillates from 1986 to 2001.
- An orchard was depicted on the western portion of the Phase One Property in the 1877 County Atlas, and herbicides (MCPA and Atrazine) have historically been applied to the agricultural fields present on the Site.
- Three (3) empty ASTs of unspecified volumes and unspecified former substances were observed to be located to the south of Quonset Hut 1, the historic use of the ASTs is unknown.
- One (1) 1345-litre gasoline AST was observed to be present between Site Building A and Quonset Hut 1 during the site investigation.
- Two (2) diesel ASTs of unspecified volume were present adjacent to Barn 2 during the site investigation.
- A 200 gallon fuel oil furnace was reported by the property owner to be present within the basement of Site Building A, and is utilised for heating purposes.
- Importation of fill material of unknown quality for grading purposes was reported by the property owner to be associated with the construction of Former Buildings B, C, D and E located within the northwestern portion of the Site.
- According to the property owner the agricultural equipment utilized by the farm is serviced and repaired onsite (including tractors).
- The neighbouring properties within the Phase One Study Area appear to have been used for agricultural and residential purposes since the early/mid 1870s.
- An off-Site diesel spill was reported at the intersection of Hurontario Street and Old School Road in 2015, directly adjacent to the Phase One Property.

Based on the information obtained as part of this investigation, it is concluded that eleven (11) PCAs were identified within the Phase One Study Area, ten (10) of which are considered to be contributing to ten (10) APECs on, in or under the Phase One Property.

The Contaminants of Potential Concern (COPCs) identified by the QP include: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs and pesticides/herbicides. Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA would be required in order to investigate the aforementioned APECs and to assess the environmental soil and groundwater conditions on the Phase One Property. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by The Argo Kennedy Limited to complete a Phase One Environmental Site Assessment (ESA) of the Property with the municipal address of 3035 Old School Road , Caledon, Ontario., herein referred to as the "Phase One Property" or the "Site". It is DS' understanding that this Phase One ESA has been requested for due diligence purposes in association with the proposed redevelopment of the Property for mixed residential/commercial purposes.

Based on the proposed mixed residential/commercial land use, the filing of A Record of Site Condition (RSC) may be required, contingent on the location of the future residential use. An RSC will only be required by the MECP for the portion of the Site which was previously used as a sales center. It is possible that the municipality may request the filing of an RSC for the entire Site as a condition of municipal approvals.

The Phase One ESA was completed in general accordance with 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 are 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	Lot 22, Concession 1 EHS, Registered Plan 14235, Caledon, Peel Regional Municipality	Ontario Land Registry
Property Identification Number (PIN)	Not Available	-
Municipal Address	3035 Old School Road , Caledon, Ontario.	Client
Zoning	Agricultural and Rural Area of the Growth Plan	Official Plan, Town of Caledon
Property Owner	Argo Kennedy Limited	Client
Property Owner Contact Information	Bill Newhouse	Phase One Questionnaire

Criteria	Information	Source
	c/o Aaron Wisson email: aaron@argoland.com	
Site Area	32.5-hectare (80.40 acres)	Google Earth

1.2 Site Description

The Phase One Property is an irregular shaped 32.5-hectare (80.40 acres) parcel of land situated within an agricultural/residential neighborhood in the Town of Caledon, Ontario. The Phase One Property is located at the southeastern corner of the intersection of Old School Road and Hurontario Street. For the purposes of this report, Old School Road is assumed to be aligned in an east-west orientation, and Hurontario Street in a north-south orientation. A Site Location Plan depicting the general location of the Phase One Property is provided in Figure 1.

The Site is currently developed with a residential dwelling (Site Building A) with four (4) associated agricultural structures, including a one-storey concrete block detached garage located immediately south of Site Building A (Shed 1), a dilapidated two-storey wood framed barn (Barn 1), a two-storey corrugated metal barn (Barn 2), and a corrugated steel quonset hut (Quonset Hut 1). Site Building A is a two-storey brick clad building containing a single level of underground basement.

The surrounding lands on-Site are currently utilised for agricultural purposes. It is noted that a sales centre consisting of four single-storey buildings (Former Site Buildings B, C, D, and E) previously occupied the northwestern corner of the Property but was demolished at the time of the Phase One Site Reconnaissance. Two tributaries of the Etobicoke Creek are present within the eastern and southern portions of the Site, including an area of associated riparian/wetland vegetation. A Site Plan depicting the orientation of the buildings and various natural features on-site is provided in Figure 2.

2.0 Scope of Investigation

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

- A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
  - Physical setting information such as aerial photographs, topographic mapping, available historical maps and drawings;
  - Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records,

inventory of underground and aboveground tanks, environmental audit reports) provided to DS;

- Geological and hydrogeological information in published government maps and/or reports;
- A review of information on file with Ecolog ERIS, a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries;
- Review of fire insurance plans, municipal directory documentation and available environmental reports that are pertinent to the Phase One Property;
- Regulatory Information, including such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property, orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, by-laws, and permits that may impact the condition of the property;
- Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
- The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.

- Interviews with available individuals having knowledge of current and/or past site activities;
- An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:
  - The site operations, processes, and waste management currently carried out on the Phase One Property.
  - The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
  - The source of potable water for the Phase One Property and properties within the Phase One Study Area;
  - The potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs);
  - Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
  - The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;
  - Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
  - The potential presence of various Designated Substances and building materials including:

- Friable and non-friable asbestos
- Urea formaldehyde foam insulation (UFFI)
- Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
- PCB-containing materials and electrical equipment
- Lead-based paint
- Mould

- The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
- 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 meter radius around the Phase One Property boundary, in accordance with O.Reg. 153/04 (as amended).

The properties within 250 m of the Phase One Property generally consist of agricultural, residential, and commercial land uses. An assessment of the historic 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 and agricultural purposes and occurred prior to 1877.

3.1.3 Fire Insurance Plans

A search of Fire Insurance Plans (FIPs) was undertaken by Ecolog ERIS. No FIPs were available for the lands within the Phase One 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 property was obtained from other sources including aerial photographs and the Phase One Interview.

3.1.5 Environmental Reports

No environmental reports were provided for DS to review.

3.1.6 City Directories

Due to government mandated closures associated with COVID-19 the applicable City Directories were not accessible at the time of this assessment as a result of the closure of the Town and City Libraries. However, once the libraries are operating, a search will be conducted and the client will be notified of any pertinent results.

3.2 Environmental Source Information

3.2.1 Ecolog Eris Report

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

Table 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	
Abandoned Aggregate Inventory; Abandoned Mine Information System; Aggregate Inventory; Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks; Compliance and Convictions; Drill Hole Database; Environmental Activity and Sector Registry; Environmental Compliance Approval; Environmental Registry; Fuel Storage Tank; Fuel Storage Tank – Historic; Inventory of Coal Gasification Plants and Coal Tar Sites; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were two (2) listings for the Phase One Property, and twenty-five (25) listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix A. 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.
Ontario Regulation 347 Waste Generator Summary (GEN)	William Newhouse was registered in the waste generator database for the generation, use and/or storage of petroleum distillates from 1986 to 2001.	PCA-1
Ontario Geological Survey (BORE)	A borehole was located on the western portion of the Site, associated with the Ontario Geological Survey. The listing indicates that the borehole was advanced in 2004. No stratigraphic information is specified.	No PCA

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

Database/Date	Entry Details	PCA ID No.
Ontario Spills (SPL)	Makkar Transport reported a release of approximately 300-litres of diesel to the road surface and gravel shoulder at the intersection of Hurontario Street and Old School Road in August 2015.	PCA-2
Environmental Compliance Approval (ECA)	An ECA was listed for the property located at Kennedy Road and Old School Road pertaining to municipal drinking water systems.	No PCA
Water Well Information System (WWIS)	Twenty-two (22) records were identified within the Phase One Study Area. The majority of the wells are listed for domestic supply use.	No PCA
Eris Historic Searches (EHS)	Two ERIS historic searches are registered 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 B) 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) maintain records related to storage tanks for petroleum related products. The TSSA was contacted to review records related to the Property and Study Area. According to the response received on January 18, 2021 from Ms. Connie Hill of TSSA, there were no records for the Phase One Property or properties within the Phase One Study Area at the following inquired addresses:

- 12891 Hurontario Street
- 2939 Old School Road
- 3201 Old School Road
- 2925 Old School Road
- 3191 Old School Road
- 3035 Old School Road

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

3.2.4 Areas of Natural and Scientific Interest

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

The MNR database indicated that no areas of natural and scientific interest are present on the Phase One Property. An evaluated Provincially Significant Wetland is located to the immediate north of the Site, north of Old School Road, at a distance of approximately 10 m. Additionally, the wetland is connected to a tributary of the Etobicoke Creek, which is present on the eastern portion of the Site. A second evaluated provincially significant wetland is located approximately 130 m east of the Phase One Property, associated with the upstream reaches of a second tributary of the Etobicoke Creek. This tributary traverses the southern portion of the Phase One Property.

The MNR database indicated that the Bank Swallow is a threatened species that occurs within 1 km of the Site. According to the MNRF, the Bank Swallow is a small songbird commonly found in natural and human-made settings where there are vertical faces in silt and sand deposits. Many of their nests are found on banks of rivers and lakes, as well as active sand and gravel pits. The tributaries of the Etobicoke Creek present on the Phase One Property may provide suitable habitat for this threatened 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.

3.2.5 Toronto Region and Conservation Authority (TRCA)

According to the TRCA online mapping system, the Phase One Property appears to be located in a TRCA conceptual regulated area. Additionally, multiple tributaries of the Etobicoke Creek intersect the northeastern portion of the Property and flow southwest towards the main branch of the Etobicoke Creek located on the western side of Hurontario Street. The Phase One Property is located in the Etobicoke Creek Watershed.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1967, 1974, 1985 and 1996 were obtained from Peel Region and reviewed as part of this assessment. The County Atlas of York was reviewed in order to provide a more historical image from the year 1877. Google Earth was used to review satellite imagery from the years 2005, 2009 and 2018. A summary of pertinent information obtained from the aerial photographs reviewed is presented in the Table below. The supporting documents have been appended under Appendix C.

Table 3-4: Summary of Aerial Photographs

Location	Observations	PCA ID No.
1877		
Phase One Property	The Phase One Property appears to be part of a larger agricultural plot of land with one (1) residential building and an orchard depicted on the central portion of the Property.	PCA-3
	A tributary of Etobicoke Creek is depicted flowing through the southern and eastern portions of the Property.	No PCA
Phase One Study Area	The surrounding properties appear to be used for agricultural purposes. Several orchards are depicted to the north, east and south of the Phase One Property.	PCA-4
1967		
Phase One Property	The Phase One Property has been developed with the present-day Site Building A and associated agricultural buildings (Shed 1, Barn 1 and 2, and Quonset Hut 1). The orchard is no longer visible. The site appears to largely be utilized as agricultural croplands.	No PCA

Location	Observations	PCA ID No.
North of the Site	A residential building and barn have been developed north of the Phase One Property on the northern side of Old School Road.	No PCA
South of the Site	A residential building and barn have been developed south of the Phase One Property along Hurontario Street.	No PCA
East of the Site	The west adjacent property has appears to be used for agricultural purposes.	No PCA
West of the Site	Several residential and agricultural buildings have been developed along the western side of Hurontario Street.	No PCA
1974		
Phase One Property	No significant changes. An inferred irrigation pond appears to be present in the northeastern quadrant of the agricultural field.	No PCA
North, South, East and West of the Site	No significant changes.	No PCA
1985		
Phase One Property	A driveway has been constructed that connects Site Building A and the associated agricultural buildings to Old School Road to the north.	No PCA
North of the Site	The majority of the north adjacent property was not captured in the aerial photograph. A residential property has been developed immediately northeast of the Property along Old School Road.	No PCA
South, East and West of the Site	No significant changes.	No PCA
1996		
Phase One Property	No significant changes.	No PCA
North, South, East and West of the Site	Additional residential buildings have been developed to the north of the Property along Old School Road.	No PCA
South, East and West of the Site	No significant changes.	No PCA
2005		
Phase One Property	Six vehicles, including three trucks, are depicted on the Phase One Property in the vicinity of the agricultural structures onsite (including Barns 1 and 2, and the Quonset Hut). Miscellaneous construction materials, tractors and associated agricultural cultivation equipment appear to be stockpiled on the exterior of the agricultural structures.	No PCA
North, South, East and West of the Site	No significant changes.	No PCA
2009		
Phase One Property	No significant changes.	No PCA
North, South, East and West of the Site	No significant changes.	No PCA
2018		
Phase One Property	The residential sales center comprised of four buildings (Site Buildings B, C, D and E) has been developed on the northwest corner of the Property.	No PCA
North, East and West of the Site	No significant changes.	No PCA
South of the Site	Construction of a residential subdivision appears to be underway immediately south and southeast of the Phase One Property.	No PCA

3.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally rolling with a surface elevation ranging of 269 metres above sea level (masl). The topography within the Phase One Study Area generally slopes to the south, towards Etobicoke Creek located approximately 780m south of the Phase One Property. The nearest body of water to the Phase One Property are several tributaries of the Etobicoke Creek, which intersect the northeast portion of the Phase One Property and flow southwest. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6.1 metres below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be south towards Etobicoke Creek.

The Site is situated within a drumlinized till plains physiographic region. The surficial geology within the majority of the Phase One Property is described as "clay to silt-textured till derived from glaciolacustrine deposits or shale" and as "modern alluvial deposits consisting of clay, silt, sand and gravel" along the water bodies intersecting across the Property. The bedrock is described as "shale and siltstone with minor limestone and sandstone of the Queenston formation". Based on a review of the MECP Well Records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 25 to 30 mbgs.

3.3.3 Fill Materials

During the Phase One Interview the property owner indicated that fill material had been imported at the location of Former Buildings B, C, D and E in the northwestern portion of the Site, encompassing an area of approximately 2 acres for grading purposes associated with the construction of the Former Buildings (**PCA-8**).

Based on the review of the obtained documents, there was no other indication of fill material of unknown quality being imported to the site.

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 are several tributaries of the Etobicoke Creek, which intersect the Phase One Property and flow southwest towards the main branch located on the western side of Hurontario Street. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses Environmentally Significant Areas as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

The Property includes no Areas of Natural Significance. An area of natural significance – a provincially significant wetland – is present approximately 10 m north of the Site. Additionally, The MNR database indicated that the Bank Swallow is a threatened species that occurs within 1 km of the Site. According

to the MNRF, the Bank Swallow is a small songbird commonly found in natural and human-made settings where there are vertical faces in silt and sand deposits. Many of their nests are found on banks of rivers and lakes, as well as active sand and gravel pits. On this basis, the tributaries of the Etobicoke Creek may provide suitable habitat for this threatened species.

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 EcoLog ERIS database query. No records were available for the Phase One Property and twenty-two records were available for the Phase One Study Area. The majority of the wells are listed for domestic supply use. Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix A.

3.4 Site Operating Records

The Property has mainly been used for residential and 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	Position	Method of Interview
June 8, 2021	Bill Newhouse	Property Owner	Property Owner	Verbal Questionaire

4.2 Interviewee Rationale

Bill Newhouse is the current occupant of the Site. Mr. Newhouse and his family have been responsible for site operations since 1910. Mr. Newhouse is considered to be the most knowledgeable person regarding the historical site operations. The Phase One Interview was conducted by Ms. Kirstin Olsen, M.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.

- Mr. Newhouse indicated that the property had been purchased by his family in the 1910s;

- The property is currently and was historically utilised for agricultural purposes, which includes the current use of the herbicide Roundup, as well as the historic use of the herbicides MCPA and Atrazine (**PCA-11**);
- Mr. Newhouse indicated that the agricultural equipment utilized by the farm is also serviced and repaired onsite including tractors (**PCA-9**);
- Mr. Newhouse indicated that a 200 gallon fuel oil furnace is present within the basement of Site Building A, and is utilised for heating purposes (**PCA-10**);
- Mr. Newhouse indicated that two diesel ASTs of an unspecified volume were present west adjacent to Barn 2 (**PCA-7**), and that a gasoline AST of an unspecified volume was present between Site Building A and Quonset Hut 1 (**PCA-6**).
- Mr. Newhouse indicated that fill material had been imported at the location of Former Buildings B, C, D and E in the northwestern portion of the Site, encompassing an area of approximately 2 acres for grading purposes associated with the construction of the Former Buildings (**PCA-8**).
- Mr. Newhouse indicated that water wells are present on the Site and utilized for domestic purposes. One well is located north of Barn 1, a second well is located between Barn 1 and Site Building A, and a third well is located to the west of Site Building A. A septic system is located to the south of Site Building A.

It is noted that with the exception of atrazine, the herbicides mentioned by Mr. Newhouse have short half-lives in the natural environment, and as such the potential for accumulation in the topsoil is considered to be minimal and is not considered to be a potentially contaminating activity.

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:	January 22, 2021
Time of Investigation:	10:00 a.m.
Weather Conditions:	1 °C, Overcast
Duration of Investigation:	2 Hours
Facility Operation:	Residential Dwelling and Cropland Farming

Name and Qualification of Person(s) conducting the assessment	Dorothy Garda under the supervision of Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP_{ESA}
Limitations	Due to the ongoing COVID-19 pandemic, access to the interior of the buildings (Site Building A and associated agricultural buildings) was not granted at the time of this investigation.

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 D.

Table 5-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	Site Building A is a two-storey brick clad residential building. Shed 1 is a one-storey concrete block detached garage located immediately south of Site Building A. Barn 1 is a two-storey dilapidated wood framed barn. Barn 2 is a two-storey corrugated metal barn. Quonset Hut 1 is a one-storey corrugated steel Quonset hut.
ii.	Description of the number, age and depth of below-ground structures	Site Building A contained one level of basement.
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	Three (3) empty ASTs were observed to be located south of Quonset Hut 1 (**PCA-5**)**.** The ASTs appeared to be in poor condition and did not contain any indicators of substance content, volume nor manufacturing year. It was not possible to observe whether the ground beneath the ASTs was stained or not, due to the presence of snow. No secondary containment structure was observed, and the ASTs did not appear to be connected to any structures. One (1) 1345-litre gasoline AST was located between Barn 1 and Site Building A (**PCA-6**)**.** The AST appears to be in fair to poor condition and had a manufacturing date of 2001. It was not possible to observe whether the ground beneath the AST was stained or not, due to the snow cover at the time of the investigation. No secondary containment structure was observed. Two (2) diesel ASTs of unspecified volume and unspecified manufacturing dates were observed adjacent to Barn 2 (**PCA-7**)**.** The ASTs appear to be in good condition. It was not possible to observe whether the ground beneath the ASTs was stained or not, due to the presence of snow. No secondary containment structure was 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. It is inferred that a domestic supply well and septic bed service Site Building A.
Features of Structures and Buildings at the Phase One Property		
i.	Entry and exit points	Entry and exit points were observed on the north, south, east and west sides of Site Building A. Entry and exit points were observed on the north and south sides of Shed 1. Entry and exit points were observed on the north, south, east and west sides of Barn 1. Entry and exit points were observed on the north, south, east and west sides of Barn 2. Entry and exit points were observed on the north and south sides of Quonset Hut 1.
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	Site Buildings A, B, C, D and E appear to be cooled using a ground-mounted air conditioning system.
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 *Ontario Water Resources Act* and the *Oil, Gas and Salt Resources Act*	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 ground surface is covered in agricultural fields. Gravel driveways surround Site Building A, and associated agricultural structures. An asphalt driveway and parking lot is associated with Site Buildings B, C D and E.
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	None observed.
xiv.	Potentially contaminating activity	**PCA-5:** Three (3) empty fuel oil ASTs **PCA-6:** One (1) 1345-litre gasoline AST **PCA-7:** Two (2) diesel ASTs

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: ◆ Any industrial use ◆ As a garage ◆ As a bulk liquid dispensing facility, including a gasoline outlet ◆ For the operation of dry-cleaning equipment The Phase One Property is utilised to service and maintain agricultural equipment onsite, as well as to distribute bulk diesel and gasoline products. On this basis the Site is considered to be an enhanced investigation property.
The operations at the property, including processing or manufacturing	The Phase One Property operates as a cropland farming facility, no manufacturing or processing takes place.
Hazardous materials used or stored at the Phase One Property	Refer to Hazardous Materials section below
Products manufactured at the Phase One Property	No products are manufactured at the Phase One Property.
By-products and wastes at the Phase One Property	None observed.
Raw materials handling and storage locations at the Phase One Property	Three (3) empty ASTs were located on to the south of Quonset Hut 1. One (1) 1345 litre gasoline AST was located between Barn 1 and Site Building A. Two (2) diesel ASTs of unspecified volumes were observed adjacent to Barn 2. During the Phase One Interview the property owner indicated that a 200 gallon fuel oil AST was present within the basement of Site Building A.
Details of drums, totes and bins at the Phase One Property	None observed.
Details of all oil/water separators at the Phase One Property, including one for each separator, the location, installation date, source of incoming liquid and effluent discharge location	None observed.
All vehicle and equipment maintenance areas, including the locations of maintenance, fluid storage, waste storage areas, wither in use or not	None observed – it is noted that during the Phase One interview the property owner indicated that servicing and repair of agricultural equipment (including tractors) does take place on the Phase One Property. However, access to the interior of the agricultural structures was not granted during the time of the Phase One Site Reconnaissance in order to observed the servicing/repair areas.
Details of all spills including dates, locations and materials involved, and the volumes of material spilled	None observed or reported by the property owner.
Details of liquid discharge points such as water and French drains, including their locations	None observed or reported by the property owner.

Details of operations at the property, including processing or manufacturing and equipment used in processing or manufacturing		The Phase One Property operates as a cropland farming facility.
Details of all hydraulic lift equipment at the property, including elevators, in-ground hoists and loading docks		None observed, however access to the interior of the agricultural structures was restricted at the time of the Site Reconnaissance.
Hazardous Materials		
i.	Asbestos containing materials	Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. Based on the age of Site Building A and associated agricultural buildings, which were constructed prior to the 1980s, there is a potential for asbestos insulation and asbestos-containing construction materials to be present in these structures.
ii.	Lead containing materials	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. Based on the age of Site Building A and associated agricultural buildings, which were constructed prior to the 1970s, there is a potential for lead solder and paint to be present in these structures.
iii.	PCB materials and equipment	Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. Based on the age of Site Building A and associated agricultural buildings, which were constructed prior to the 1970s, there is a potential for PCBs to be present.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. No record of UFFI was available for the subject buildings. No access to the interior of the buildings was provided.
v.	Ozone Depleting Substances (ODS)	An air conditioning unit was observed to service Site Building A.
vi.	Herbicides and Pesticides	None observed.
vii.	Mould	None observed.
viii.	Mercury	Based on the age of Site Building A and associated agricultural buildings, there is potential for mercury to be present in fluorescent lights observed in the buildings. Mercury with small quantity could be present inside the electrical switches or thermostats in the units of the building. However access for an interior inspection of these buildings was not provided at the time of the Site Reconnaissance.
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 agricultural and residential 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 occupied by a residential dwelling and four agricultural structures (Shed 1, Barns 1 and 2, and Quonset Hut 1) supporting ongoing agricultural activities at the time of the site reconnaissance. The orientation of the Site Buildings are depicted on Figure 2.
North Adjacent Property	The north adjacent Property was occupied by agricultural fields and several residential buildings at the time of the site reconnaissance.
East Adjacent Property	The east adjacent Property was occupied by agricultural fields and several residential buildings at the time of the site reconnaissance.
South Adjacent Property	The south adjacent Property was occupied by a residential subdivision at the time of the site reconnaissance.
West Adjacent Property	The west adjacent Property was occupied by agricultural fields, a Montessori school and several residential buildings at the time of the site reconnaissance.
Water Bodies	Several tributaries of the Etobicoke Creek were observed on the eastern and southern portions of the Property.
Areas of Natural Significance	None observed.

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix D. 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, site inspection and conversations with the site representative. A summary of Current and Past Uses of the Phase One Property is presented in the Appendix E.

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	#58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	The Phase One Property was registered in the waste generator database for the generation, use and/or storage of petroleum distillates from 1986 to 2001.	Yes – APEC-1
PCA-2	#N/S: Diesel Spill	Makkar Transport reported a release of approximately 300-litres of diesel to the road surface and gravel shoulder at the intersection of Hurontario Street and Old School Road in August 2015.	Yes – APEC-2
PCA-3	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	An orchard was depicted in the central portion of the Phase One Property in 1877.	Yes – APEC-3
PCA-11	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	According to the property owner herbicides MCPA and atrazine have historically been utilised on the agricultural fields present on the Property.	Yes-APEC-3B
PCA-4	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Several orchards were depicted to the north, east and south of the Phase One Property in the 1877 Peel County Atlas.	No – due to the limited mobility of the contaminants of concern.
PCA-5	#28: Gasoline and Associated Products Storage in Fixed Tanks	Three (3) empty ASTs were observed to be located to the south of Quonset Hut 1.	Yes – APEC-4
PCA-6	#28: Gasoline and Associated Products Storage in Fixed Tanks	One (1) 1345-litre gasoline AST observed to be present between Site Building A and Quonset Hut 1 during the site investigation.	Yes – APEC-5
PCA-7	#28: Gasoline and Associated Products Storage in Fixed Tanks	Two (2) diesel ASTs of unspecified volume were present west adjacent to Barn 2 during the site investigation.	Yes – APEC-6
PCA-8	#30: Importation of Fill Material of Unknown Quality	Importation of fill material of unknown quality for grading purposes associated with the construction of Former	Yes – APEC-7

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
		Buildings B, C, D and E within the northwestern portion of the Site.	
PCA-9	#27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	According to the property owner the agricultural equipment utilized by the farm is serviced and repaired onsite (including tractors).	Yes – APEC-8
PCA-10	#28: Gasoline and Associated Products Storage in Fixed Tanks	A 200 gallon fuel oil furnace was reported by the property owner to be present within the basement of Site Building A, and is utilised for heating purposes.	Yes-APEC-9

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 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	Vicinity of agricultural structures (Shed 1, Barns 1 and 2, and Quonset Hut 1), located within the central portion of the Phase One Property.	PCA-1: #58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners - The Phase One Property was registered in the waste generator database for the generation, use and/or storage of petroleum distillates from 1986 to 2001.	On-Site	PHCs, BTEX	Soil
APEC-2	Northwestern Extent of the Phase One Property	PCA-2: #N/S: Diesel Spill - Makkar Transport reported a release of approximately 300-litres of diesel to the road surface and gravel shoulder at the intersection of Hurontario Street and Old School Road in August 2015.	Off-Site	PHCs, BTEX, PAHs	Soil and Groundwater
APEC-3A	Central Extent of the Phase One Property	PCA-3: #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications - An orchard was depicted in the central portion of the Phase One Property in 1877.	On-Site	Metals, As, Sb, Sn, CN-, Pesticides	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-3B	Agricultural croplands present throughout the northern extent of the Phase One Property.	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications - According to the property owner herbicides MCPA and atrazine have historically been utilised on the agricultural fields present on the Property.	On-Site	Herbicides	Soil
APEC-4A	Area to the south of Quonset Hut 1 within the central portion of the Site	#28: Gasoline and Associated Products Storage in Fixed Tanks - Three (3) empty ASTs were observed to be located to the south of Quonset Hut 1.	On-Site	PHCs, VOCs, BTEX, PAHs	Soil and Groundwater
APEC-4B	Vicinity of Site Building A and Quonset Hut 1 within the central portion of the Site	#28: Gasoline and Associated Products Storage in Fixed Tanks - One (1) 1345-litre gasoline AST observed to be present between Site Building A and Quonset Hut 1 during the site investigation.	On-Site	PHCs, VOCs, BTEX, Metals, PAHs	Soil and Groundwater
APEC-4C	Area immediately west of Barn 2, located within the central portion of the Site	#28: Gasoline and Associated Products Storage in Fixed Tanks - Two (2) diesel ASTs of unspecified volume were present adjacent to Barn 2 during the site investigation.	On-Site	PHCs, BTEX, PAHs	Soil and Groundwater
APEC-4D	Immediate vicinity of Site Building A, located within the central portion of the Site.	#28: Gasoline and Associated Products Storage in Fixed Tanks - A 200 gallon fuel oil furnace was reported by the property owner to be present within the basement of Site Building A, and is utilised for heating purposes.	On-Site	PHCs, BTEX, PAHs	Soil and Groundwater
APEC-5	Footprint of Former Site Buildings B, C, D and E, located within the northwestern extent of the Phase One Property.	#30: Importation of Fill Material of Unknown Quality - Importation of fill material of unknown quality for grading purposes associated with the construction of Former Buildings B, C, D and E within the northwestern portion of the Site.	On-Site	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil
APEC-6	Vicinity of agricultural	#27: Garages and Maintenance and Repair of	On-Site	PHCs, VOCs, BTEX, PAHs	Soil and Groundwater

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)
	structures (Shed 1, Barns 1 and 2, Quonset Hut 1), located within the central portion of the Phase One Property.	Railcars, Marine Vehicles and Aviation Vehicles - According to the property owner the agricultural equipment utilized by the farm is serviced and repaired onsite (including tractors).			

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 3035 Old School Road , Caledon, Ontario.. The Phase One Conceptual Site Model is presented in Drawings 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 Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
PCA-1	#58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	The Phase One Property was registered in the waste generator database for the generation, use and/or storage of petroleum distillates from 1986 to 2001.	PCA is located on the Phase One Property.
PCA-2	#N/S: Diesel Spill	Makkar Transport reported a release of approximately 300-litres of diesel to the road surface and gravel shoulder at the intersection of Hurontario Street and Old School Road in August 2015.	PCA occurred on the northwest adjacent property.
PCA-3	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	An orchard was depicted in the central portion of the Phase One Property in 1877.	PCA is located on the Phase One Property.
PCA-5	#28: Gasoline and Associated Products Storage in Fixed Tanks	Three (3) empty ASTs were observed to be located to the south of Quonset Hut 1.	PCA is located on the Phase One Property.
PCA-6	#28: Gasoline and Associated Products Storage in Fixed Tanks	One (1) 1345-litre gasoline AST observed to be present between Site Building A and Quonset Hut 1 during the site investigation.	PCA is located on the Phase One Property.
PCA-7	#28: Gasoline and Associated Products Storage in Fixed Tanks	Two (2) diesel ASTs of unspecified volume were present adjacent to Barn 2 during the site investigation.	PCA is located on the Phase One Property.
PCA-8	#30: Importation of Fill Material of Unknown Quality	Importation of fill material of unknown quality for grading purposes associated with the construction of Former Buildings B, C, D and E within the northwestern portion of the Site.	PCA is located on the Phase One Property.
PCA-9	#27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	According to the property owner the agricultural equipment utilized by the farm is serviced and repaired onsite (including tractors).	PCA is located on the Phase One Property.
PCA-10	#28: Gasoline and Associated Products Storage in Fixed Tanks	A 200 gallon fuel oil furnace was reported by the property owner to be present within the basement of Site Building A, and is utilised for heating purposes.	PCA is located on the Phase One Property.
PCA-11	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	According to the property owner herbicides MCPA and atrazine have historically been utilised on the agricultural fields present on the Property.	PCA is located on the Phase One Property.

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 6-2 above. The following contaminants of potential concern were identified for the Phase One Property: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs, and pesticides/herbicides.

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.

Underground utilities were identified at the Phase One Property, including water well lines, natural gas, electrical, and septic sewer services to the existing Site Building. Plans were not available to confirm the depths of these utilities, however they are estimated to be installed at depths ranging from 2 to 3 metres below ground surface.

The depth to groundwater at the Phase One Property is inferred to be approximately 6.1 metres below ground surface, therefore the utility corridors are expected to be well above the water table and would not act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally rolling with a surface elevation ranging of 269 metres above sea level (masl). The topography within the Phase One Study Area generally slopes to the south, towards Etobicoke Creek located approximately 780m south of the Phase One Property. The nearest body of water to the Phase One Property are several tributaries of the Etobicoke Creek, which intersect the northeast portion of the Phase One Property and flow southwest. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6.1 metres below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be south towards Etobicoke Creek.

The Site is situated within a drumlinized till plains physiographic region. The surficial geology within the majority of the Phase One Property is described as “clay to silt-textured till derived from glaciolacustrine deposits or shale” and as “modern alluvial deposits consisting of clay, silt, sand and gravel” along the water bodies intersecting across the Property. The bedrock is described as “shale and siltstone with minor limestone and sandstone of the Queenston formation”. Based on a review of the MECP Well Records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 25 to 30 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 EcoLog ERIS. All information obtained was reviewed and assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion of this report, with the exception of the MECP FOI request and City Directory Search. If the MECP FOI request or City Directory Search 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 located at 3035 Old School Road , Caledon, Ontario.. The Phase One ESA was completed in general accordance with 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 eleven (11) PCAs were identified within the Phase One Study Area, ten (10) of which are considered to be contributing to ten (10) 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 The Argo Kennedy Limited and is intended to provide an assessment of the environmental condition on the property with the municipal address of 3035 Old School Road , Caledon, 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

Ms. Dorothy Garda, M.Sc.

Ms. Garda is a junior hydrogeologist at DS Consultants Ltd. Dorothy holds a Master's in Earth and Environmental Science (Hydrogeology) and has been conducting environmental site assessments since 2018. She is involved in numerous hydrogeological and environmental investigation projects. Her experience includes preparation of Phase One and Two environmental site assessments, construction dewatering activities and hydrogeological investigations in support of Environmental Activity and Sector Registry (EASR) and Permit to Take Water (PTTW) applications.

Tanner Leonhardt, B.Eng., EIT

Mr. Leonhardt is an environmental EIT with DS Consultants Ltd. Tanner holds a Bachelor of Engineering Degree from the University of Guelph and has several years of experience working in the environmental industry. Tanner has experience in conducting Phase One and Phase Two Environmental Site Assessments, soil and groundwater remediation, and has supported several risk assessments projects.

Ms. Kirstin Olsen, MSc.

Ms. Olsen is a Project Manager in the Environmental Services Department at DS Consultants Limited. Ms. Olsen has a bachelor's degree in Animal, Plant and Environmental Science, as well as a Master of

Science Degree in Environmental Science, Ecology and Conservation from the University of the Witwatersrand (Johannesburg, South Africa). Ms. Olsen has personally completed over three hundred detailed environmental assessments across a wide array of scientific disciplines including: Phase One & Two Environmental Site Assessments, Remedial Excavation & Injection Oversight, Hydrogeological Investigations, EASR Registration/PTTW Application, Aquatic Ecological Delineation, Assessment & Planning, Toxicological, Soil & Water Impact and Risk Assessment, as well as Environmental Construction Monitoring & Performance Auditing.

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

Mr. Fioravanti is the Manager 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 ten years 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 brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

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.

Tanner Leonhardt, B.Eng., EIT	Dorothy Garda, M.Sc
Environmental EIT	Junior Hydrogeologist

Kirstin Olsen, M.Sc.
Environmental Project Manager

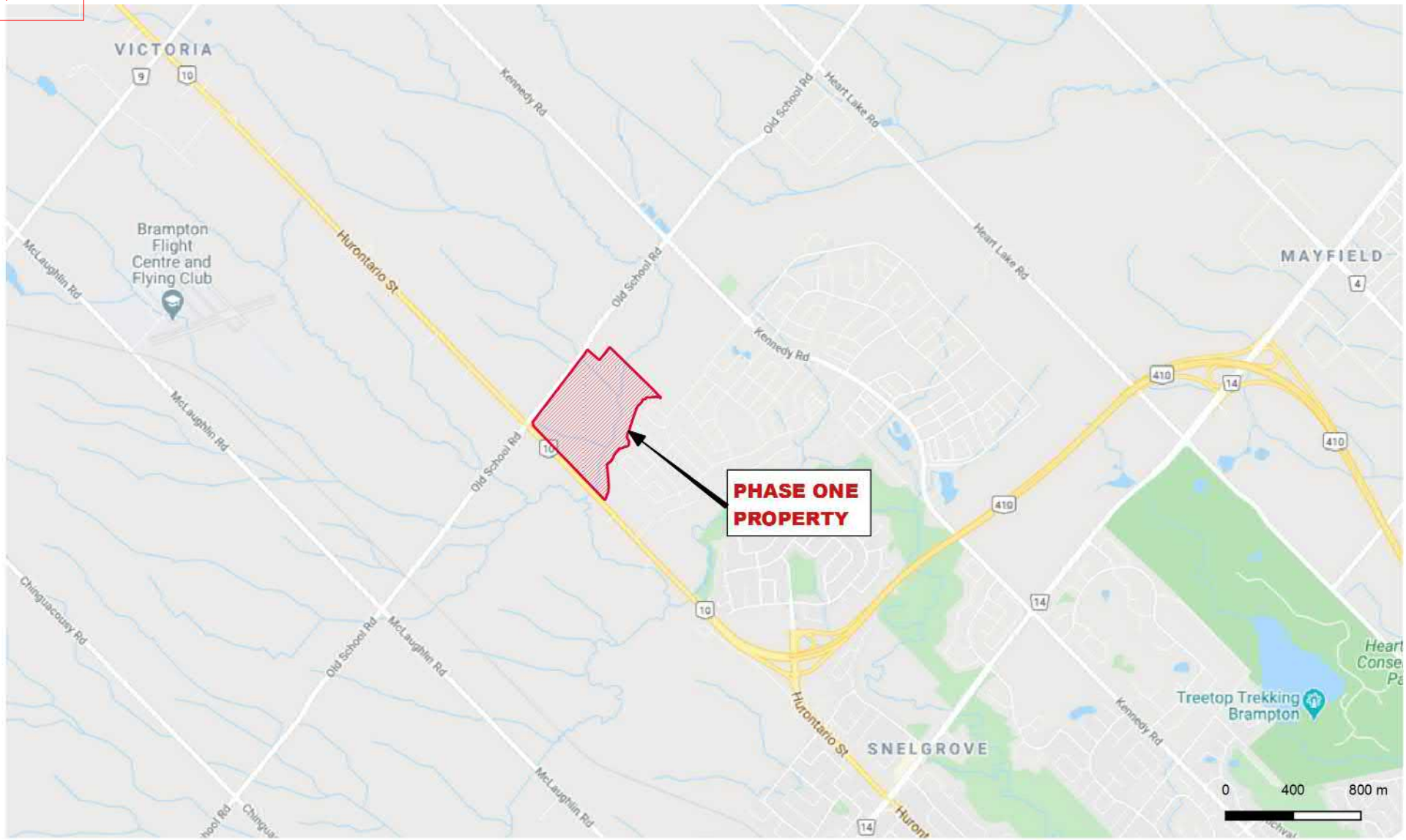
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Manager – Environmental Services

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 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (Ecolog ERIS Report)

Figures

C:\0Sharon\19-312-100 Hicks Property_Argo Dev\1-QGIS\Phase One West\Figure 1 - Site Location Plan.qgs Jul-14 22:55



Legend

Approx 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
Hicks Property-West Parcel - 3035 Old School Road, Caledon, ON

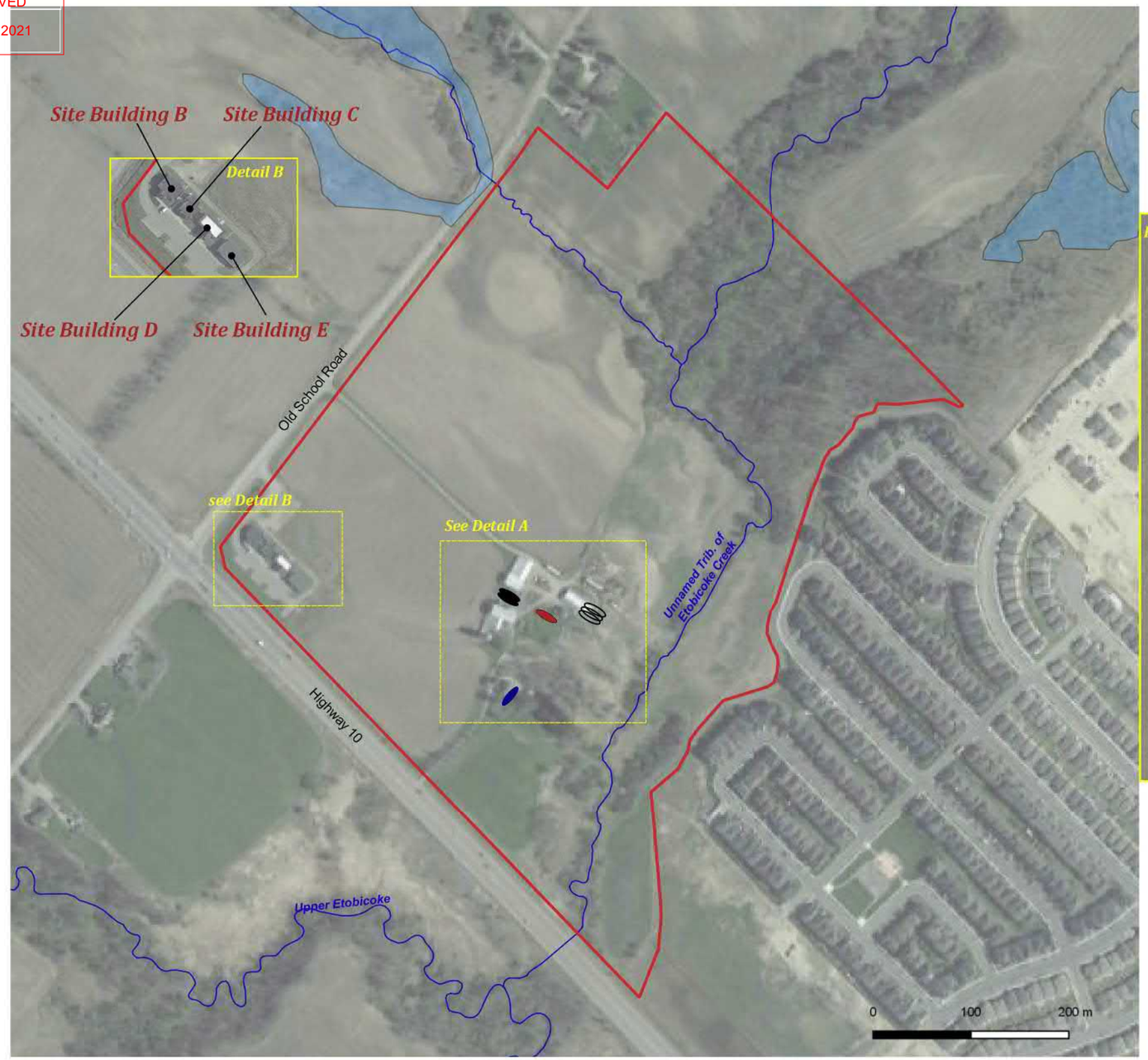
Title: **SITE LOCATION PLAN**

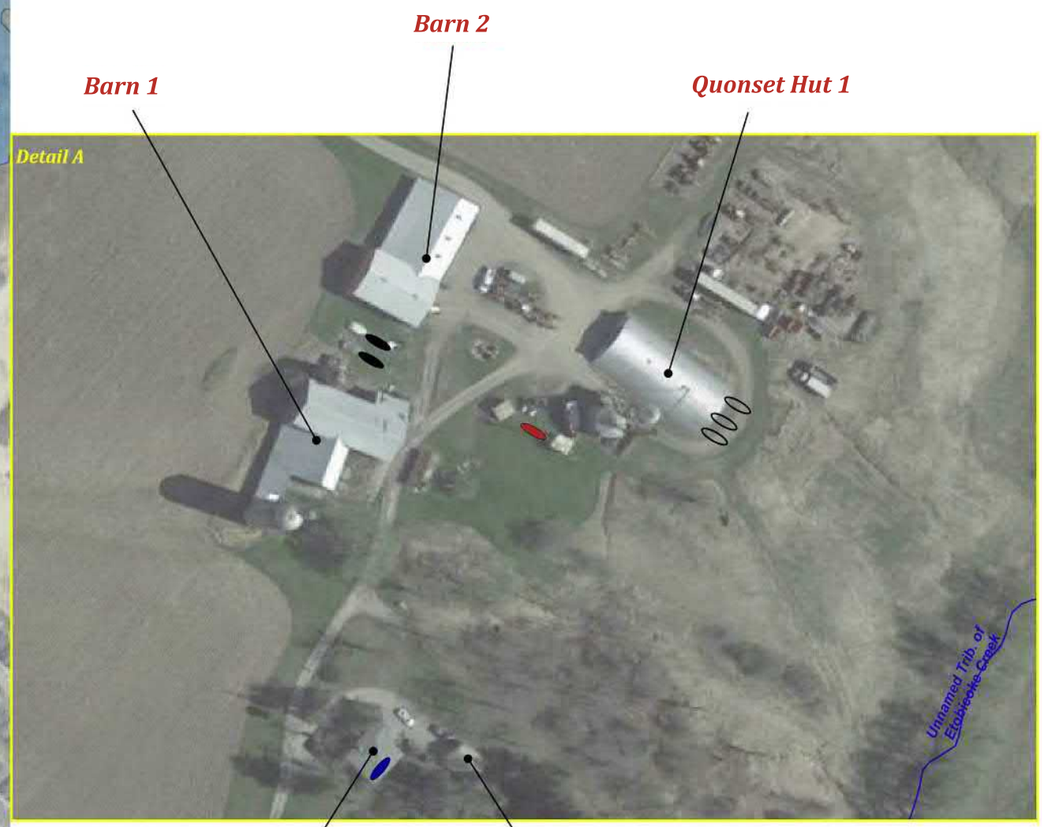
N

Client: ARGO KENNEDY LIMITED

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	July 2021
Rev: 0	Scale: As Shown	Project No.: 19-312-100	Figure No.: 1

Image/Map Source: *Google Street Map*





Legend

- Approx Site Boundary-West Parcel
- Diesel AST
- Empty AST
- Fuel Oil AST
- Gasoline AST
- Provincially Significant Wetland

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Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
Hicks Property-West Parcel - 3035 Old School Road, Caledon, ON

Title: **PHASE ONE PROPERTY SITE PLAN**

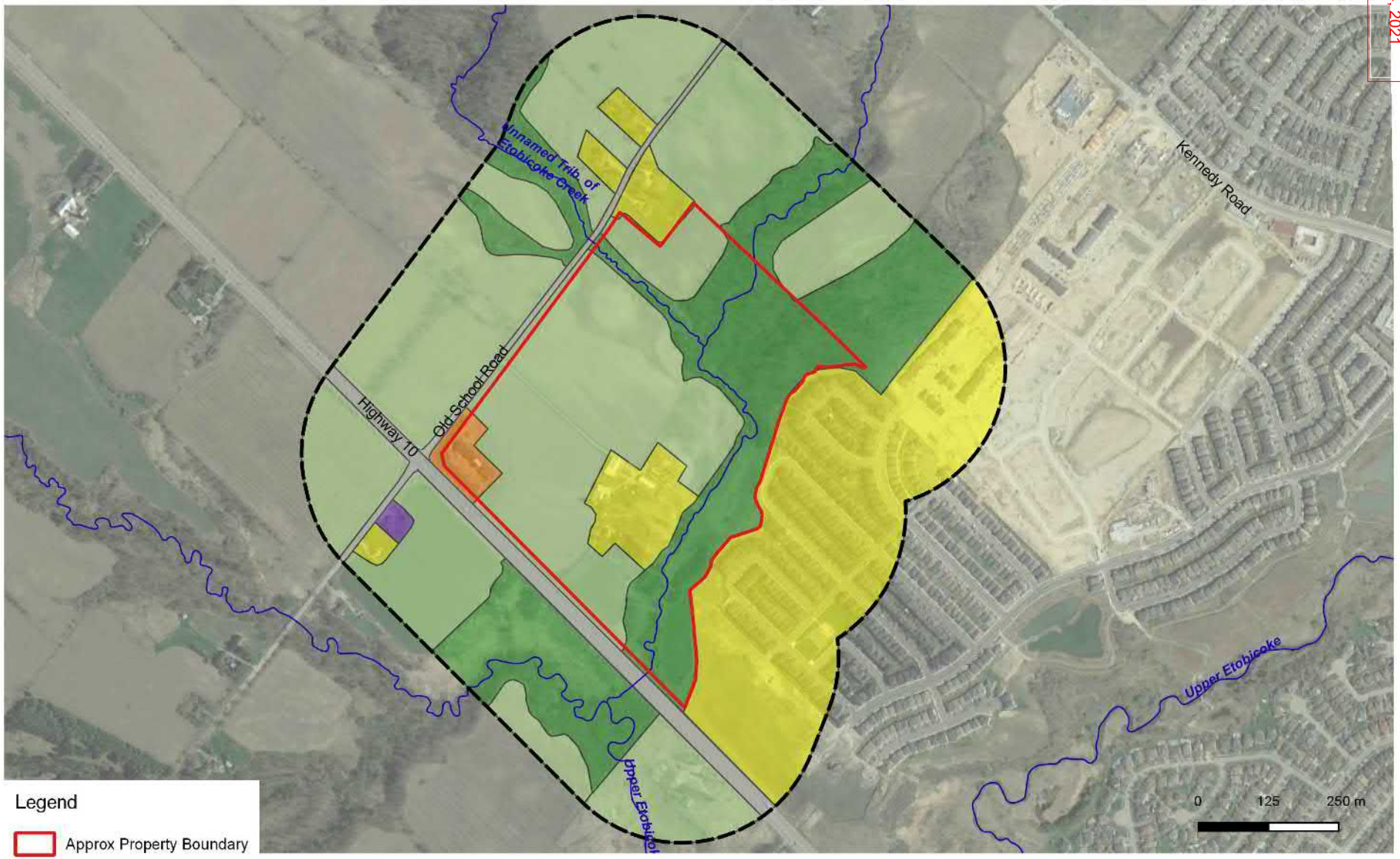
N

Client: ARGO KENNEDY LIMITED

Size:	Approved By: R.F	Drawn By: S.Y	Date: July 2021
11x17	Scale: As Shown	Project No.: 19-312-100	Figure No.: 2
Rev. 0	Image/Map Source: *Google Satellite Image*		

C:\0Sharon\19-312-100 Hicks Property_Argo Dev\1-QGIS\Phase One West\Figure 2 - Phase One Property Site Plan.qgs Jul-16 11:20

C:\0Sharon\19-312-100 Hicks Property Argo Dev\1-QGIS\Phase One West\Figure 3 - Phase One Study Area.qgs Jul-15 09:42



Legend

- Approx Property Boundary
- 250m Buffer
- Residential
- Commercial
- Agricultural
- Institutional
- Open Space

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Vaughan, Ontario L4H 0K8
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Client: ARGO KENNEDY LIMITED

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
Hicks Property-West Parcel - 3035 Old School Road, Caledon, ON

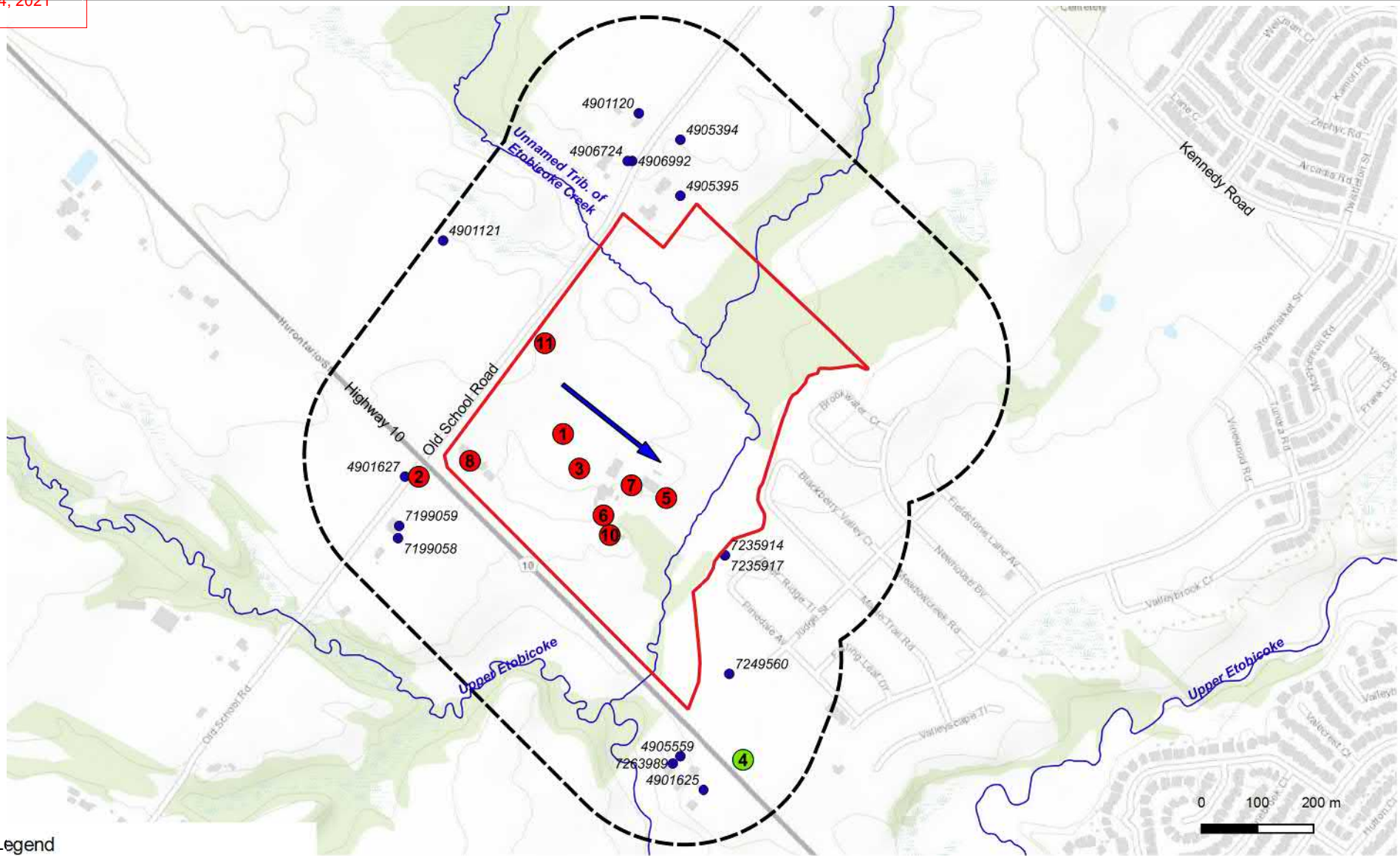
Title: **PHASE ONE STUDY AREA**

N

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	July 2021
Rev: 0	Scale: As Shown	Project No.: 19-312-100	Figure No.: 3

Image/Map Source: *Google Satellite Image*

C:\0Sharon\19-312-100 Hicks Property_Argo Dev\1-QGIS\Phase One West\Figure 4 - PCA within Phase One Study Area.qgs Jul-15 09:53



Legend

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

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www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
Hicks Property-West Parcel - 3035 Old School Road, Caledon, ON

Title: **PCA WITHIN PHASE ONE STUDY AREA**

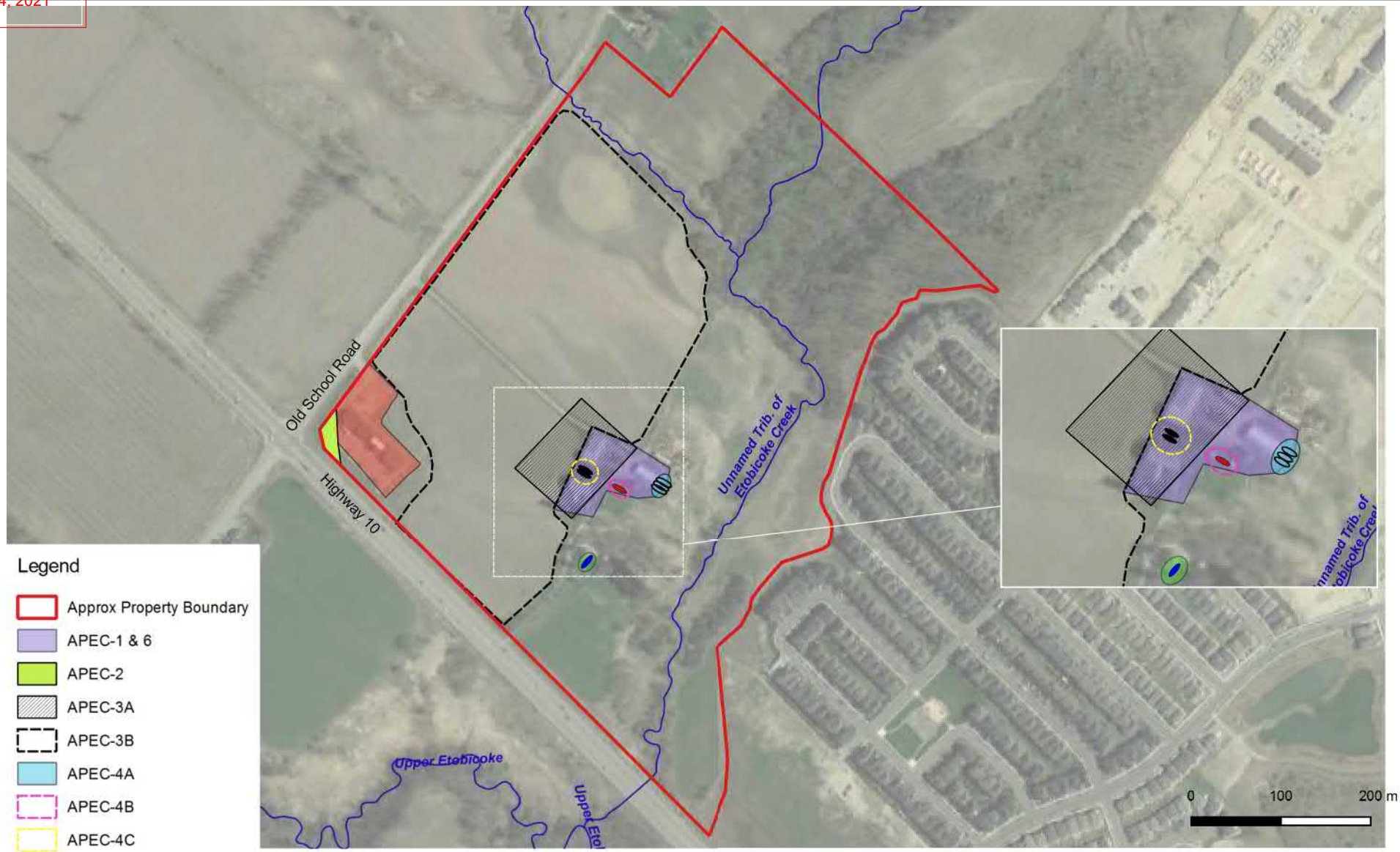
N

Client: ARGO KENNEDY LIMITED

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	July 2021
Rev: 0	Scale: As Shown	Project No.: 19-312-100	Figure No.: 4

Image/Map Source: *Google Satellite Image*

C:\0Sharon\19-312-100 Hicks Property_Argo Dev\1-QGIS\Phase One West\Figure 5 - Summary of APECs on Phase One Property.qgs Jul-16 11:19



Legend

- Approx Property Boundary
- APEC-1 & 6
- APEC-2
- APEC-3A
- APEC-3B
- APEC-4A
- APEC-4B
- APEC-4C
- APEC-4D
- APEC-5
- Diesel AST
- Empty AST
- Fuel Oil AST
- Gasoline AST

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Vaughan, Ontario L4H 0K8
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www.dsconsultants.ca

Client: ARGO KENNEDY LIMITED

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
Hicks Property-West Parcel - 3035 Old School Road, Caledon, ON

Title: **SUMMARY OF APECs ON PHASE ONE PROPERTY**

N

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	July 2021
Rev: 0	Scale: As Shown	Project No.: 19-312-100	Figure No.: 5

Image/Map Source: *Google Satellite Image*

Appendix A

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Hicks Property - West Parcel* *Hicks Property - West Parcel* *Paris ON L0J*
Project No:	
Report Type:	*RSC Report - Quote*
Order No:	*21010700023*
Requested by:	*DS Consultants Ltd.*
Date Completed:	*January 11, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Hicks Property - West Parcel* *Hicks Property - West Parcel Paris ON L0J*
Project No:	

Order Information:

Order No:	*21010700023*
Date Requested:	*January 7, 2021*
Requested by:	*DS Consultants Ltd.*
Report Type:	*RSC Report - Quote*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	1	0	1
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	0	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	2	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	0	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	22	22
	Total:		3	26	29

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	WILLIAM NEWHOUSE	12891 HURONTARIO STREET TOWN OF CALEDON ON L6V 1A1	ESE/0.0	-1.97	17
2	BORE		ON	SW/0.0	0.00	17
3	ECA	The Regional Municipality of Peel	Kennedy Road and Old School Rd Caledon ON L6T 4B9	NE/0.0	-0.91	18

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	WWIS		12701 HURONTARIO ST lot 22 con 1 Caledon ON ***Well ID:*** 7235914	SE/1.1	-1.26	18
4	WWIS		12701 HURONTARIO ST lot 22 con 1 Caledon ON ***Well ID:*** 7235917	SE/1.1	-1.26	20
5	WWIS		OLD SCHOOL RD CALEDON ON ***Well ID:*** 7320257	NNW/16.8	-0.03	22
6	WWIS		lot 21 con 1 ON ***Well ID:*** 7339658	E/27.5	5.69	25
7	WWIS		lot 21 con 1 ON ***Well ID:*** 7314669	SSE/30.0	-2.55	27
8	SPL	Makkar Transport<UNOFFICIAL>	Hwy 10 @ Old School Road Caledon ON	W/32.9	3.02	27
9	WWIS		lot 22 con 1 ON ***Well ID:*** 4905395	NNE/35.3	3.56	28
10	WWIS		lot 21 con 1 ON ***Well ID:*** 7249560	SSE/55.8	-2.79	32
11	WWIS		lot 22 con 1 ON ***Well ID:*** 4901627	W/67.8	2.37	32
12	WWIS		lot 23 con 1 ON ***Well ID:*** 4906724	N/89.8	5.58	35
13	WWIS		lot 23 con 1 ON ***Well ID:*** 4906992	N/89.9	5.85	37
14	WWIS		lot 21 con 1 ON	S/106.8	-4.67	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 4905559			
15	WWIS		12760 HURONTARIO ST lot 21 con 1 CALEDON ON **Well ID:** 7263989	S/119.6	-5.71	45
16	WWIS		lot 22 con 1 ON **Well ID:** 4905394	N/122.2	5.62	47
17	WWIS		2939 OLD SCHOOL RD. lot 22 con 1 BRAMPTON ON **Well ID:** 7199059	WSW/131.0	1.05	51
18	WWIS		12701 HURONTARIO ST. lot 21 con 1 SNELGROVE ON **Well ID:** 7296100	ENE/141.8	5.01	53
18	WWIS		12701 HURONTARIO ST. lot 21 con 1 SNELGROVE ON **Well ID:** 7296094	ENE/141.8	5.01	55
19	WWIS		2939 OLD SCHOOL RD. lot 22 con 1 BRAMPTON ON **Well ID:** 7199058	WSW/147.5	0.99	57
20	WWIS		lot 21 con 1 ON **Well ID:** 4901625	SSE/173.9	-4.91	64
21	WWIS		lot 23 con 1 ON **Well ID:** 4901120	N/175.6	6.58	67
22	WWIS		OLD SCHOOL ROAD BRAMPTON ON **Well ID:** 7300313	SSW/196.7	-7.14	70
23	WWIS		OLD SCHOOL RD lot 22 con 1 BRAMPTON ON **Well ID:** 7300298	SSW/198.8	-6.60	73
24	WWIS		lot 23 con 1 ON **Well ID:** 4901121	NW/229.3	5.07	76
25	EHS		12701 Highway 10 Caledon ON	SE/290.2	-4.01	78
25	EHS		12701 Highway 10 Caledon ON L7C 2B7	SE/290.2	-4.01	79

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	RSC	ARGO CALEDON CORPORATION	12701 HURONTARIO STREET, CALEDON, ON L7C 2C7 Caledon ON	SE/290.2	-4.01	79

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	0.0	2

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Nov 30, 2020 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Regional Municipality of Peel	Kennedy Road and Old School Rd Caledon ON L6T 4B9	0.0	3

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 2 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	12701 Highway 10 Caledon ON L7C 2B7	290.2	25
	12701 Highway 10 Caledon ON	290.2	25

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 1 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
WILLIAM NEWHOUSE	12891 HURONTARIO STREET TOWN OF CALEDON ON L6V 1A1	0.0	1

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2020 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ARGO CALEDON CORPORATION	12701 HURONTARIO STREET, CALEDON, ON L7C 2C7 Caledon ON	290.2	25

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019; Aug 2020 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Makkar Transport<UNOFFICIAL>	Hwy 10 @ Old School Road Caledon ON	32.9	8

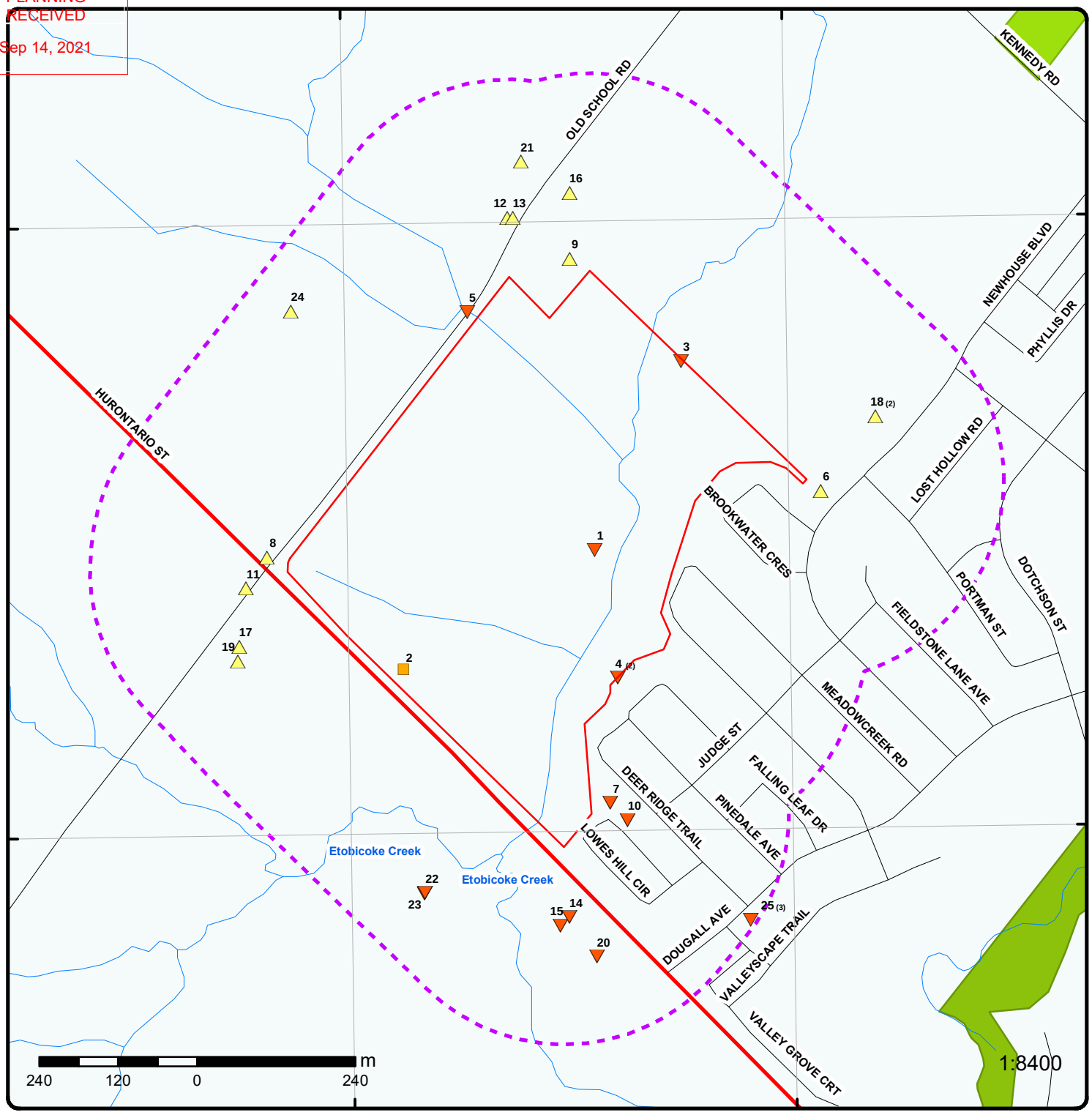
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 22 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	12701 HURONTARIO ST lot 22 con 1 Caledon ON ***Well ID:*** 7235917	1.1	4
	12701 HURONTARIO ST lot 22 con 1 Caledon ON ***Well ID:*** 7235914	1.1	4
	OLD SCHOOL RD CALEDON ON ***Well ID:*** 7320257	16.8	5

Site	Address	Distance (m)	Map Key
	lot 21 con 1 ON ***Well ID:*** 7339658	27.5	6
	lot 21 con 1 ON ***Well ID:*** 7314669	30.0	7
	lot 22 con 1 ON ***Well ID:*** 4905395	35.3	9
	lot 21 con 1 ON ***Well ID:*** 7249560	55.8	10
	lot 22 con 1 ON ***Well ID:*** 4901627	67.8	11
	lot 23 con 1 ON ***Well ID:*** 4906724	89.8	12
	lot 23 con 1 ON ***Well ID:*** 4906992	89.9	13
	lot 21 con 1 ON ***Well ID:*** 4905559	106.8	14
	12760 HURONTARIO ST lot 21 con 1 CALEDON ON ***Well ID:*** 7263989	119.6	15
	lot 22 con 1 ON ***Well ID:*** 4905394	122.2	16
	2939 OLD SCHOOL RD. lot 22 con 1 BRAMPTON ON ***Well ID:*** 7199059	131.0	17
	12701 HURONTARIO ST. lot 21 con 1 SNELGROVE ON	141.8	18

Site	Address	Distance (m)	Map Key
	Well ID: 7296100		
	12701 HURONTARIO ST. lot 21 con 1 SNELGROVE ON	141.8	18
	Well ID: 7296094		
	2939 OLD SCHOOL RD. lot 22 con 1 BRAMPTON ON	147.5	19
	Well ID: 7199058		
	lot 21 con 1 ON	173.9	20
	Well ID: 4901625		
	lot 23 con 1 ON	175.6	21
	Well ID: 4901120		
	OLD SCHOOL ROAD BRAMPTON ON	196.7	22
	Well ID: 7300313		
	OLD SCHOOL RD lot 22 con 1 BRAMPTON ON	198.8	23
	Well ID: 7300298		
	lot 23 con 1 ON	229.3	24
	Well ID: 4901121		



Map : 0.3 Kilometer Radius

Order Number: 21010700023

Address: Hicks Property - West Parcel, Paris, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

79°51'W

Aerial

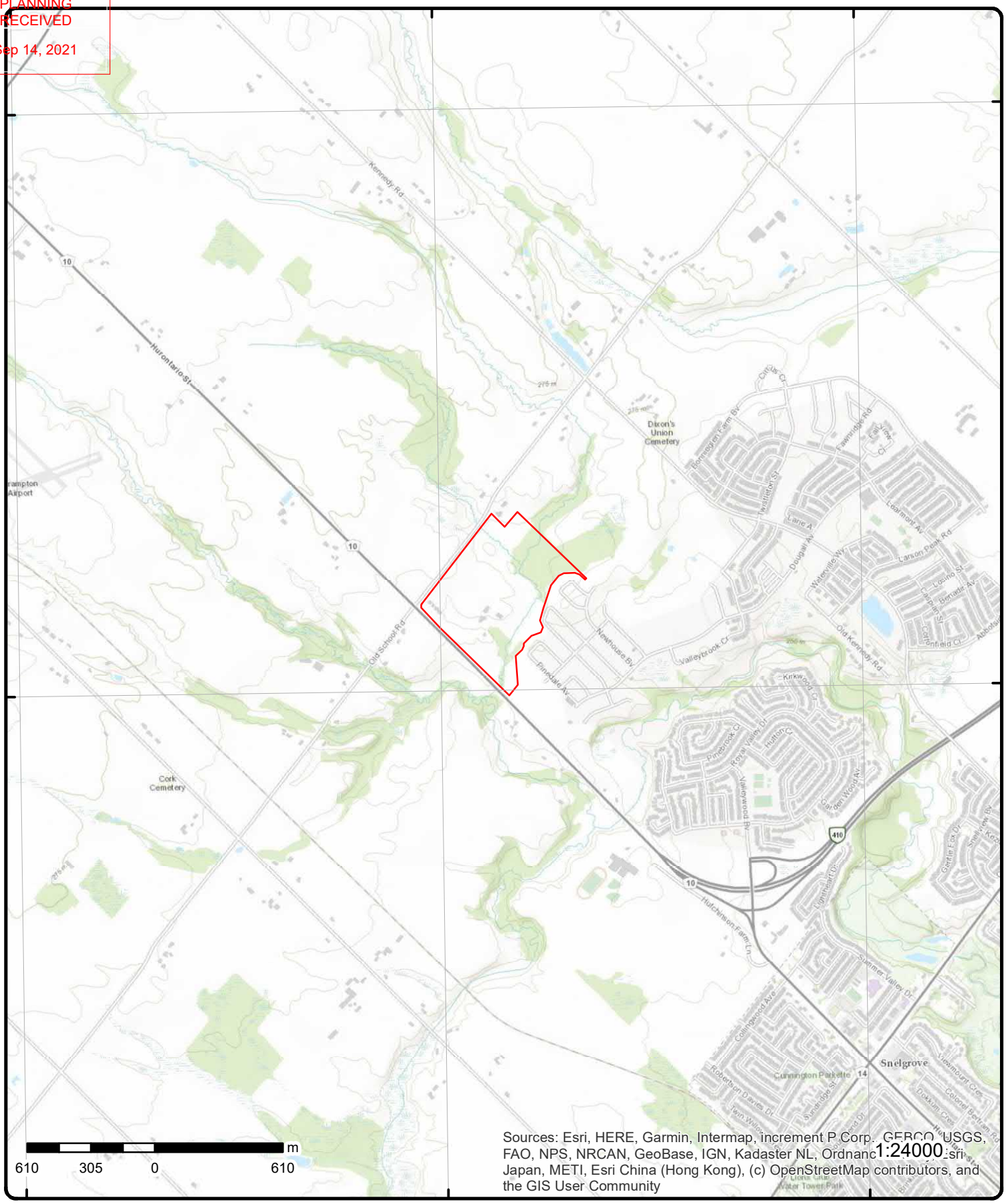
Year: 2015

Order Number: 21010700023

Address: Hicks Property - West Parcel, Paris, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: Hicks Property - West Parcel, ON

Source: ESRI World Topographic Map

Order Number: 21010700023

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ESE/0.0	262.9 / -1.97	WILLIAM NEWHOUSE 12891 HURONTARIO STREET TOWN OF CALEDON ON L6V 1A1	GEN

Generator No: ON0970200
Status:
Approval Years: 00,01
Contam. Facility:
MHSW Facility:
SIC Code: 0141
SIC Description:

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SW/0.0	264.9 / 0.00	ON	BORE

Borehole ID: 589925
OGF ID: 215500520
Status: Unknown
Type: Outcrop
Use:
Completion Date:
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 1
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 265
Elev Reliabil Note:
DEM Ground Elev m: 265
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name: OGS-OLW-62-1445
Municipality:
Lot:
Township:
Latitude DD: 43.75224
Longitude DD: -79.84901
UTM Zone: 17
Easting: 592663
Northing: 4844999
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218339283
Top Depth: 0
Bottom Depth: 1
Material Color:
Material 1: Till
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: Di si **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Ontario Geological Survey	***Source Iden:***	6
Source Date:	Varies to 2004	***Scale or Res:***	1:50,000
Confidence:	H	***Horizontal:***	NAD83
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Ontario Geological Survey Fieldwork Mapping		
Source Details:	YPDT Master Database A: -1399842942		
Confiden 1:	Location taken from OGS 1:50,000 maps by CAMC staff or consultants.		

Source List

Source Identifier:	6	***Horizontal Datum:***	NAD83
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	Varies to 2004	***Projection Name:***	Universal Transvers Mercator
Scale or Resolution:	1:50,000		
Source Name:	Ontario Geological Survey Fieldwork Mapping		
Source Originators:	Ontario Geological Survey		

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3 | ***1 of 1*** | ***NE/0.0*** | ***264.0 / -0.91*** | ***The Regional Municipality of Peel Kennedy Road and Old School Rd Caledon ON L6T 4B9*** | ***ECA***

Approval No:	8852-7XFRKJ	***MOE District:***	Halton-Peel
Approval Date:	2009-11-04	***City:***	
Status:	Approved	***Longitude:***	-79.8437
Record Type:	ECA	***Latitude:***	43.7564
Link Source:	IDS	***Geometry X:***	
SWP Area Name:	Toronto	***Geometry Y:***	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Address:	Kennedy Road and Old School Rd		
Full Address:			
Full PDF Link:			

---

4 | ***1 of 2*** | ***SE/1.1*** | ***263.6 / -1.26*** | ***12701 HURONTARIO ST lot 22 con 1 Caledon ON*** | ***WWIS***

Well ID:	7235914	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	1/20/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	7219
Casing Material:		***Form Version:***	7
Audit No:	Z173270	***Owner:***	
Tag:	A149762	***Street Name:***	12701 HURONTARIO ST
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS E
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7235914.pdf

Bore Hole Information

Bore Hole ID:	1005289383	**Elevation:**	263.780517
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	592988
Code OB Desc:		**North83:**	4844986
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/10/2013	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	1005488575
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1005488568
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005488572
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005488573
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID: 1005488571
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005488570
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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4 | ***2 of 2*** | ***SE/1.1*** | ***263.6 / -1.26*** | ***12701 HURONTARIO ST lot 22 con 1 Caledon ON*** | ***WWIS***

Well ID:	7235917	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	1/20/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7219
Casing Material:		***Form Version:***	7
Audit No:	Z173269	***Owner:***	
Tag:	A149756	***Street Name:***	12701 HURONTARIO ST
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS E
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7235917.pdf

Bore Hole Information

Bore Hole ID:	1005289392	***Elevation:***	263.780517
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	592988
Code OB Desc:		***North83:***	4844986
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/10/2013	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID: 1005488659
Layer: 1
Plug From: 6
Plug To: 7
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005488660
Layer: 2
Plug From: 7
Plug To: 20
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005488662
Layer: 4
Plug From: 21
Plug To: 30
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005488661
Layer: 3
Plug From: 20
Plug To: 21
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005488658
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005488650
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005488655
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: 0
Depth To: 34
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	1005488656
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005488651
Pump Set At:	
Static Level:	20
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:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1005488654
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005488653
Diameter:	30
Depth From:	0
Depth To:	34
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

5 | ***1 of 1*** | ***NNW/16.8*** | ***264.8 / -0.03*** | ***OLD SCHOOL RD CALEDON ON*** | ***WWIS***

Well ID:	7320257	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Test Hole	***Date Received:***	10/15/2018
Sec. Water Use:	Monitoring	***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7230
Casing Material:		***Form Version:***	7
Audit No:	Z296932	***Owner:***	
Tag:	A253647	***Street Name:***	OLD SCHOOL RD
Construction Method:		***County:***	PEEL

Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007296885	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	592760
Code OB Desc:		***North83:***	4845542
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/31/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007553004
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	3
Formation End Depth:	6.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007553002
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	.9

Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007553003
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	.9
Formation End Depth:	3
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007553012
Layer:	1
Plug From:	0
Plug To:	4
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007553011
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1007553001
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007553007
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4.6
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007553008
Layer:	1
Slot:	5
Screen Top Depth:	4.6

Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6

Water Details

Water ID:	1007553006
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	3.7
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007553005
Diameter:	15
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

6 ***1 of 1*** ***E/27.5*** ***270.6 / 5.69*** ***lot 21 con 1 ON*** ***WWIS***

Well ID:	7339658	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	8/15/2019
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7523
Casing Material:		***Form Version:***	7
Audit No:	Z271615	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	021
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS E
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7339658.pdf

Bore Hole Information

Bore Hole ID:	1007591511	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	593296
Code OB Desc:		***North83:***	4845271
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/6/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			

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

Annular Space/Abandonment Sealing Record

Plug ID: 1008122202
Layer: 1
Plug From: 0
Plug To: 5.3
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1008122201
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1008122195
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008122199
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008122200
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1008122198
Layer:
Kind Code:
Kind:
Water Found Depth:

Water Found Depth UOM: m

Hole Diameter

Hole ID: 1008122197
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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7 | ***1 of 1*** | ***SSE/30.0*** | ***262.3 / -2.55*** | ***lot 21 con 1 ON*** | ***WWIS***

Well ID: 7314669
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: C43001
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status: Yes
Data Src:
Date Received: 7/13/2018
Selected Flag: Yes
Abandonment Rec:
Contractor: 7147
Form Version: 8
Owner:
Street Name:
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 021
Concession: 01
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1007162217
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 592977
North83: 4844796
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

---

8 | ***1 of 1*** | ***W/32.9*** | ***267.9 / 3.02*** | ***Makkar Transport<UNOFFICIAL> Hwy 10 @ Old School Road Caledon ON*** | ***SPL***

Ref No: 2806-9ZJSV3
Site No: NA
Incident Dt: 8/19/2015
Year:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:

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

Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	Hwy 10 @ Old School Road
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Caledon
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Yes	**Easting:**	
Dt MOE Arvl on Scn:	8/20/2015	**Site Geo Ref Accu:**	
MOE Reported Dt:	8/19/2015	**Site Map Datum:**	
Dt Document Closed:	9/26/2015	**SAC Action Class:**	Primary Assessment of Spills
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	NE corner of Intersection<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Makkar Transport 300 L dsl to rd, gravel shoulder, contained		
Contaminant Qty:	100 L		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	NNE/35.3	268.4 / 3.56	lot 22 con 1 ON	WWIS

Well ID:	4905395	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/16/1978
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3637
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	022
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	HS E
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4905395.pdf

Bore Hole Information

Bore Hole ID:	10320139	**Elevation:**	267.579467
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	592914.5
Code OB Desc:	Overburden	**North83:**	4845623
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/6/1978	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932049838
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049843
Layer:	6
Color:	2
General Color:	GREY
Mat1:	03
Most Common Material:	MUCK
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	41
Formation End Depth:	43
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049840
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	11
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049841
Layer:	4
Color:	2
General Color:	GREY
Mat1:	11

Most Common Material:	GRAVEL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	19
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049839
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	1
Formation End Depth:	11
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049842
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	23
Formation End Depth:	41
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905395
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10868709
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930528261
Layer:	1

Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	21
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930528263
Layer:	3
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	43
Casing Diameter:	21
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930528262
Layer:	2
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	24
Casing Diameter:	32
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994905395
Pump Set At:	
Static Level:	8
Final Level After Pumping:	
Recommended Pump Depth:	40
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933793434
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	23
Water Found Depth UOM:	ft

Water Details

Water ID: 933793433
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 11
Water Found Depth UOM: ft

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10 | **1 of 1** | **SSE/55.8** | **262.1 / -2.79** | **lot 21 con 1 ON** | **WWIS**

Well ID: 7249560
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: C30876
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

PDF URL (Map):

Data Entry Status: Yes
Data Src:
Date Received: 10/7/2015
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7147
Form Version: 8
Owner:
Street Name:
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 021
Concession: 01
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005719022
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 9/14/2015
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 263.200195
Elevrc:
Zone: 17
East83: 593003
North83: 4844770
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

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11 | **1 of 1** | **W/67.8** | **267.2 / 2.37** | **lot 22 con 1 ON** | **WWIS**

Well ID: 4901627
Construction Date:
Primary Water Use: Public
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:

Data Entry Status:
Data Src: 1
Date Received: 9/9/1958
Selected Flag: Yes
Abandonment Rec:
Contractor: 1612
Form Version: 1
Owner:
Street Name:

Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901627.pdf

Bore Hole Information

Bore Hole ID:	10316472	***Elevation:***	268.633453
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	592423.5
Code OB Desc:	Overburden	***North83:***	4845122
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/4/1958	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932035037
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932035038
Layer:	2
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2

Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932035039
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70
Formation End Depth:	71
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964901627
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10865042
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930523112
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	71
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994901627
Pump Set At:	
Static Level:	18
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:	1
Water State After Test:	CLEAR
Pumping Test Method:	

Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933789578
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

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12 | ***1 of 1*** | ***N/89.8*** | ***270.4 / 5.58*** | ***lot 23 con 1 ON*** | ***WWIS***

Well ID: 4906724
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/12/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 3637
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 023
Concession: 01
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4906724.pdf

Bore Hole Information

Bore Hole ID: 10321286
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 8/21/1986
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 270.120635
Elevrc:
Zone: 17
East83: 592820.5
North83: 4845685
Org CS:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Overburden and Bedrock Materials Interval

Formation ID: 932054881
Layer: 2

Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	27
Formation End Depth:	43
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932054880
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	27
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964906724
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10869856
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930530144
Layer:	2
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	31
Casing Diameter:	32
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930530143
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE

Depth From:	
Depth To:	26
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930530145
Layer:	3
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	43
Casing Diameter:	21
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994906724
Pump Set At:	
Static Level:	8
Final Level After Pumping:	
Recommended Pump Depth:	36
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933794740
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	14
Water Found Depth UOM:	ft

Water Details

Water ID:	933794741
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

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13 | ***1 of 1*** | ***N/89.9*** | ***270.7 / 5.85*** | ***lot 23 con 1 ON*** | ***WWIS***

Well ID:	4906992	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/28/1989
Sec. Water Use:		***Selected Flag:***	Yes

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4919
Casing Material:		***Form Version:***	1
Audit No:	35166	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	023
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS E
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4906992.pdf

Bore Hole Information

Bore Hole ID:	10321553	***Elevation:***	270.246246
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	592828.5
Code OB Desc:	Overburden	***North83:***	4845685
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	3
Date Completed:	11/24/1988	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932056192
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932056193
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND

Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932056194
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964906992
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10870123
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930530577
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	50
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994906992
Pump Set At:	
Static Level:	10
Final Level After Pumping:	35
Recommended Pump Depth:	48
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	2

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934530458
Test Type:	Recovery
Test Duration:	30
Test Level:	31
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935050033
Test Type:	Recovery
Test Duration:	60
Test Level:	29
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934255901
Test Type:	Recovery
Test Duration:	15
Test Level:	32
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934784539
Test Type:	Recovery
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933795035
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	20
Water Found Depth UOM:	ft

Water Details

Water ID:	933795036
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	30
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	S/106.8	260.2 / -4.67	lot 21 con 1 ON	WWIS

Well ID:	4905559	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	11/26/1979
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3637
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	021
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	HS W
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4905559.pdf

Bore Hole Information

Bore Hole ID:	10320287	**Elevation:**	259.283599
DP2BR:	65	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	592914.5
Code OB Desc:	Bedrock	**North83:**	4844623
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/4/1979	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932050448
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	03
Mat2 Desc:	MUCK
Mat3:	06
Mat3 Desc:	SILT
Formation Top Depth:	22
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050452
Layer:	7
Color:	7
General Color:	RED
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65
Formation End Depth:	72
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050450
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	03
Mat2 Desc:	MUCK
Mat3:	06
Mat3 Desc:	SILT
Formation Top Depth:	54
Formation End Depth:	63
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050446
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050451
Layer:	6
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	63

Formation End Depth:	65
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050449
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	35
Formation End Depth:	54
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050447
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	12
Formation End Depth:	22
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905559
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10868857
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930528482
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	33
Casing Diameter:	30
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930528483
Layer: 2
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 53
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930528484
Layer: 3
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 72
Casing Diameter: 21
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 994905559
Pump Set At:
Static Level: 7
Final Level After Pumping: 51
Recommended Pump Depth: 45
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934781234
Test Type: Draw Down
Test Duration: 45
Test Level: 51
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934261382
Test Type: Draw Down
Test Duration: 15
Test Level: 51
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	935046219
Test Type:	Draw Down
Test Duration:	60
Test Level:	51
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934527122
Test Type:	Draw Down
Test Duration:	30
Test Level:	51
Test Level UOM:	ft

Water Details

Water ID:	933793595
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

Water Details

Water ID:	933793594
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35
Water Found Depth UOM:	ft

Water Details

Water ID:	933793596
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft

15 | ***1 of 1*** | ***S/119.6*** | ***259.2 / -5.71*** | ***12760 HURONTARIO ST lot 21 con 1 CALEDON ON*** | ***WWIS***

Well ID:	7263989	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	5/31/2016
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7147
Casing Material:		***Form Version:***	7
Audit No:	Z228027	***Owner:***	
Tag:		***Street Name:***	12760 HURONTARIO ST
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	021
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
Pump Rate:		***Easting NAD83:***	

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

Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006028577	***Elevation:***	258.067596
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	592901
Code OB Desc:		***North83:***	4844610
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/13/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006082168
Layer:	4
Plug From:	18.6
Plug To:	19.2
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006082167
Layer:	3
Plug From:	2.6
Plug To:	18.6
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006082165
Layer:	1
Plug From:	0
Plug To:	2.2
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006082166
Layer:	2
Plug From:	2.2
Plug To:	2.6
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1006082164
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006082158
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006082162
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: 0
Depth To: 14.2
Casing Diameter: 90
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006082163
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006082161
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 0.9
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006082160
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

16 | ***1 of 1*** | ***N/122.2*** | ***270.5 / 5.62*** | ***lot 22 con 1 ON*** | ***WWIS***

Well ID: 4905394 ***Data Entry Status:***

Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/16/1978
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3637
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS E
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4905394.pdf

Bore Hole Information

Bore Hole ID:	10320138	***Elevation:***	270.087951
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	592914.5
Code OB Desc:	Overburden	***North83:***	4845723
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/3/1978	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932049835
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049837
Layer:	3
Color:	2

General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	20
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049836
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	20
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905394
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10868708
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930528258
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	18
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930528259
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	

Depth To:	21
Casing Diameter:	32
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930528260
Layer:	3
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	52
Casing Diameter:	21
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994905394
Pump Set At:	
Static Level:	13
Final Level After Pumping:	52
Recommended Pump Depth:	48
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933793430
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30
Water Found Depth UOM:	ft

Water Details

Water ID:	933793429
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20
Water Found Depth UOM:	ft

Water Details

Water ID:	933793432
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

Water Details

Water ID:	933793431
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36
Water Found Depth UOM:	ft

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17 | ***1 of 1*** | ***WSW/131.0*** | ***265.9 / 1.05*** | ***2939 OLD SCHOOL RD. lot 22 con 1 BRAMPTON ON*** | ***WWIS***

Well ID:	7199059	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	3/21/2013
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	3349
Casing Material:		***Form Version:***	7
Audit No:	Z158022	***Owner:***	
Tag:		***Street Name:***	2939 OLD SCHOOL RD.
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7199059.pdf

Bore Hole Information

Bore Hole ID:	1004266284	***Elevation:***	267.66101
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	592413
Code OB Desc:		***North83:***	4845034
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/8/2012	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1004924081
Layer:	3
Plug From:	3
Plug To:	0
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004924080
Layer:	2
Plug From:	15
Plug To:	3
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004924079
Layer:	1
Plug From:	19.81
Plug To:	15
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004924078
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1004924070
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004924076
Layer:	2
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	1.83
Depth To:	0
Casing Diameter:	91.44
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	1004924075
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	19.81
Depth To:	1.83
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004924077
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1004924071
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	1004924074
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004924073
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

18 ***1 of 2*** ***ENE/141.8*** ***269.9 / 5.01*** ***12701 HURONTARIO ST. lot 21 con 1 SNELGROVE ON*** ***WWIS***

Well ID:	7296100	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	10/4/2017
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7523
Casing Material:		***Form Version:***	7
Audit No:	Z251309	***Owner:***	
Tag:		***Street Name:***	12701 HURONTARIO ST.
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	

Depth to Bedrock:		***Lot:***	021
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS E
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006757023	***Elevation:***	269.9552
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	593379
Code OB Desc:		***North83:***	4845384
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	3/19/2017	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006929568
Layer:	1
Plug From:	0
Plug To:	10
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006929567
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006929561
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006929565
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10
Casing Diameter:	5.08

Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006929566
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006929564
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006929563
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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18 | ***2 of 2*** | ***ENE/141.8*** | ***269.9 / 5.01*** | ***12701 HURONTARIO ST. lot 21 con 1 SNELGROVE ON*** | ***WWIS***

Well ID: 7296094
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z254658
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/4/2017
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7523
Form Version: 7
Owner:
Street Name: 12701 HURONTARIO ST.
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 021
Concession: 01
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006756633 ***Elevation:*** 269.9552

DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 3/19/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone: 17
East83: 593379
North83: 4845384
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: gis

Annular Space/Abandonment Sealing Record

Plug ID: 1006929520
Layer: 1
Plug From: 0
Plug To: 10
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006929519
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006929513
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006929517
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 10
Casing Diameter: 5.08
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006929518
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID:	1006929516
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006929515
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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19 ***1 of 1*** ***WSW/147.5*** ***265.8 / 0.99*** ***2939 OLD SCHOOL RD. lot 22 con 1 BRAMPTON ON*** ***WWIS***

Well ID:	7199058	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	3/21/2013
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3349
Casing Material:		***Form Version:***	7
Audit No:	Z158021	***Owner:***	
Tag:	A121893	***Street Name:***	2939 OLD SCHOOL RD.
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	022
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7199058.pdf

Bore Hole Information

Bore Hole ID:	1004266281	***Elevation:***	267.74179
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	592411
Code OB Desc:		***North83:***	4845012
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/4/2012	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004923871
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.91
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004923872
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	.91
Formation End Depth:	4.88
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004923875
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.04
Formation End Depth:	30.18
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004923876
Layer:	6
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	06

Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	30.18
Formation End Depth:	35.05
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004923874
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	6.4
Formation End Depth:	28.04
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004923877
Layer:	7
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35.05
Formation End Depth:	42.67
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004923873
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.88
Formation End Depth:	6.4
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004923910

Layer:	1
Plug From:	0
Plug To:	6.2
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004923909
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1004923869
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004923880
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	.61
Depth To:	35.05
Casing Diameter:	15.875
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004923881
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1004923870
Pump Set At:	41
Static Level:	6.45
Final Level After Pumping:	14.84
Recommended Pump Depth:	35
Pumping Rate:	15.14
Flowing Rate:	
Recommended Pump Rate:	15.14
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	6
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID: 1004923894
Test Type: Draw Down
Test Duration: 15
Test Level: 11.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923896
Test Type: Draw Down
Test Duration: 20
Test Level: 11.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923907
Test Type: Recovery
Test Duration: 60
Test Level: 6.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923901
Test Type: Recovery
Test Duration: 30
Test Level: 7.69
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923899
Test Type: Recovery
Test Duration: 25
Test Level: 8.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923900
Test Type: Draw Down
Test Duration: 30
Test Level: 13.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923884
Test Type: Draw Down
Test Duration: 2
Test Level: 7.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923890
Test Type: Draw Down
Test Duration: 5
Test Level: 8.46
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923883
Test Type: Recovery
Test Duration: 1
Test Level: 14.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923906
Test Type: Draw Down
Test Duration: 60
Test Level: 14.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923897
Test Type: Recovery
Test Duration: 20
Test Level: 9.09
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923905
Test Type: Recovery
Test Duration: 50
Test Level: 7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923889
Test Type: Recovery
Test Duration: 4
Test Level: 13.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923902
Test Type: Draw Down
Test Duration: 40
Test Level: 13.79
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923898
Test Type: Draw Down
Test Duration: 25
Test Level: 12.43

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923903
Test Type: Recovery
Test Duration: 40
Test Level: 7.22
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923887
Test Type: Recovery
Test Duration: 3
Test Level: 13.87
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923893
Test Type: Recovery
Test Duration: 10
Test Level: 10.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923904
Test Type: Draw Down
Test Duration: 50
Test Level: 14.36
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923882
Test Type: Draw Down
Test Duration: 1
Test Level: 7.13
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923885
Test Type: Recovery
Test Duration: 2
Test Level: 14.18
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923891
Test Type: Recovery
Test Duration: 5
Test Level: 11.95
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923886
Test Type: Draw Down
Test Duration: 3
Test Level: 7.82
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923888
Test Type: Draw Down
Test Duration: 4
Test Level: 8.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923895
Test Type: Recovery
Test Duration: 15
Test Level: 9.79
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004923892
Test Type: Draw Down
Test Duration: 10
Test Level: 9.88
Test Level UOM: m

Water Details

Water ID: 1004923879
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004923878
Diameter: 15.875
Depth From: 0
Depth To: 42.67
Hole Depth UOM: m
Hole Diameter UOM: cm

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20 | **1 of 1** | **SSE/173.9** | **260.0 / -4.91** | **lot 21 con 1 ON** | **WWIS**

Well ID: 4901625
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:

Data Entry Status:
Data Src: 1
Date Received: 6/20/1967
Selected Flag: Yes
Abandonment Rec:
Contractor: 4838
Form Version: 1
Owner:
Street Name:

Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	021
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	HS W
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901625.pdf

Bore Hole Information

Bore Hole ID:	10316470	***Elevation:***	261.365966
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	592956.5
Code OB Desc:	Overburden	***North83:***	4844563
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/14/1967	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932035029
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932035030
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9

Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932035032
Layer: 4
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 65
Formation End Depth: 69
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932035031
Layer: 3
Color:
General Color:
Mat1: 06
Most Common Material: SILT
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 43
Formation End Depth: 65
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964901625
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10865040
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930523110
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 65
Casing Diameter: 7
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933359159
Layer: 1
Slot: 040
Screen Top Depth: 65
Screen End Depth: 69
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.625

Results of Well Yield Testing

Pump Test ID: 994901625
Pump Set At:
Static Level: 0
Final Level After Pumping: 52
Recommended Pump Depth: 60
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933789576
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65
Water Found Depth UOM: ft

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21 | ***1 of 1*** | ***N/175.6*** | ***271.4 / 6.58*** | ***lot 23 con 1 ON*** | ***WWIS***

Well ID: 4901120
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src: 1
Date Received: 5/26/1965
Selected Flag: Yes
Abandonment Rec:
Contractor: 1325
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 023
Concession: 01
Concession Name: HS E
Easting NAD83:
Northing NAD83:

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901120.pdf

Bore Hole Information

Bore Hole ID:	10315966	**Elevation:**	271.254638
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	592840.5
Code OB Desc:	Overburden	**North83:**	4845770
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	4/30/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932032687
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932032689
Layer:	4
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 932032688

Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932032686
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964901120
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10864536
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930522448
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	34
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994901120
Pump Set At:	
Static Level:	22

Final Level After Pumping:	
Recommended Pump Depth:	32
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	20
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933789108
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22
Water Found Depth UOM:	ft

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22 | ***1 of 1*** | ***SSW/196.7*** | ***257.7 / -7.14*** | ***OLD SCHOOL ROAD BRAMPTON ON*** | ***WWIS***

Well ID:	7300313	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	12/4/2017
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7360
Casing Material:		***Form Version:***	7
Audit No:	Z239548	***Owner:***	
Tag:	A231612	***Street Name:***	OLD SCHOOL ROAD
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	BRAMPTON CITY (CHINGUACOUSY)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006842672	***Elevation:***	261.215301
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	592696
Code OB Desc:		***North83:***	4844660
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/14/2017	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1007028245
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007028247
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007028246
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007028248
Layer:	4
Color:	7
General Color:	RED

Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35
Formation End Depth:	40
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007028273
Layer:	1
Plug From:	0
Plug To:	8
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007028258
Method Construction Code:	E
Method Construction:	Auger
Other Method Construction:	

Pipe Information

Pipe ID:	1007028244
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007028251
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007028252
Layer:	1
Slot:	.10
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	1007028250

Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 17
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007028249
Diameter: 6
Depth From: 0
Depth To: 40
Hole Depth UOM: ft
Hole Diameter UOM: inch

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23 ***1 of 1*** ***SSW/198.8*** ***258.3 / -6.60*** ***OLD SCHOOL RD lot 22 con 1 BRAMPTON ON*** ***WWIS***

Well ID: 7300298
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z239551
Tag: A231611
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/4/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7360
Form Version: 7
Owner:
Street Name: OLD SCHOOL RD
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 022
Concession: 01
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006842495
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/14/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 261.359222
Elevrc:
Zone: 17
East83: 592695
North83: 4844658
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID:	1007026659
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007026658
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007026660
Layer:	4
Color:	7
General Color:	RED
Mat1:	34
Most Common Material:	TILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007026657
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5

Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007026667
Layer: 1
Plug From: 30
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007026666
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: AUGER

Pipe Information

Pipe ID: 1007026656
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007026663
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 32
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007026664
Layer: 1
Slot: .10
Screen Top Depth: 32
Screen End Depth: 37
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 1007026662
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 17
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007026661
Diameter: 6
Depth From: 0
Depth To: 40
Hole Depth UOM: ft
Hole Diameter UOM: inch

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24 | 1 of 1 | NW/229.3 | 269.9 / 5.07 | lot 23 con 1 ON | WWIS

Well ID: 4901121
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/12/1967
Selected Flag: Yes
Abandonment Rec:
Contractor: 1325
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Lot: 023
Concession: 01
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901121.pdf

Bore Hole Information

Bore Hole ID: 10315967
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 9/5/1967
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 270.269775
Elevrc:
Zone: 17
East83: 592491.5
North83: 4845543
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 932032691
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 1
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932032692
Layer: 3
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932032693
Layer: 4
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932032690
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964901121
Method Construction Code: 6

Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10864537
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930522449
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 30
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 994901121
Pump Set At:
Static Level: 20
Final Level After Pumping: 27
Recommended Pump Depth: 27
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933789109
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20
Water Found Depth UOM: ft

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25 | ***1 of 3*** | ***SE/290.2*** | ***260.9 / -4.01*** | ***12701 Highway 10 Caledon ON*** | ***EHS***

Order No: 20111219017
Status: C
Report Type: Custom Report
Report Date: 12/28/2011 11:01:44 AM
Date Received: 12/19/2011 11:01:44 AM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.840908
Y: 1

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

25 **2 of 3** **SE/290.2** **260.9 / -4.01** **12701 Highway 10**
Caledon ON L7C 2B7 **EHS**

Order No:	20180822214	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	29-AUG-18	**Search Radius (km):**	.25
Date Received:	22-AUG-18	**X:**	-79.843372
Previous Site Name:		**Y:**	43.748819
Lot/Building Size:			
Additional Info Ordered:			

25 **3 of 3** **SE/290.2** **260.9 / -4.01** **ARGO CALEDON CORPORATION**
12701 HURONTARIO STREET, CALEDON, ON
L7C 2C7
Caledon ON **RSC**

RSC ID:	225707	**Cert Date:**	
RA No:		**Cert Prop Use No:**	
RSC Type:	Phase 1 and 2 RSC	**Intended Prop Use:**	Residential
Curr Property Use:	Agricultural/Other	**Qual Person Name:**	ELENI GIRMA BEYENE
Ministry District:	Halton-Peel District Office	**Stratified (Y/N):**	
Filing Date:	2019/06/21	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	
Date Returned:		**Accuracy Estimate:**	
Restoration Type:		**Telephone:**	
Soil Type:		**Fax:**	
Criteria:		**Email:**	
CPU Issued Sect 1686:			

Asmt Roll No: 2124130006062610000
Prop ID No (PIN): 14235-4658 (LT)
Property Municipal Address: 12701 HURONTARIO STREET, CALEDON, ON L7C 2C7
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=113109&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: 4 Survey Plan.pdf
Document Type: A Current plan of Survey
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=113110&fileName=4+Survey+Plan.pdf

Document Heading: Supporting Documents
Document Name: 3 Parcel Register.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=113102&fileName=3+Parcel+Register.pdf

Document Heading: Supporting Documents
Document Name: 2 Lawyers Letter.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=113111&fileName=2+Lawyers+Letter.pdf

Document Heading: Supporting Documents
Document Name: APECTable.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=115196&fileName=APECTable.pdf

Document Heading: Supporting Documents
Document Name: 1 Certificate of Status.pdf
Document Type: Certificate of Status
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=113112&fileName=1+Certificate+of+Status.pdf

Document Heading: Supporting Documents
Document Name: 6 Past and Current Table.pdf
Document Type: Table of Current and Past Property Use
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=113104&fileName=6+Past+and+Current+Table.pdf

Document Heading: Supporting Documents
Document Name: PhaseTwo.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=115197&fileName=PhaseTwo.pdf

Unplottable Summary

Total: 28 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 21 Con 1	Caledon ON	
CA		Lot 23, Concession 1	Caledon ON	
CA	Caledon East Well Pumping Facility	Lot 23, Concession 1	Caledon ON	
CA	Fernbrook Homes (Etobicoke Creek) Limited	East of Hurontario Street	Caledon ON	
CA	Caledon Village Well No. 3 and Well No. 4	Highway 10	Caledon ON	
CA	Caledon Village Well No. 3 and Well No. 4	Highway 10	Caledon ON	
CA	R.M. OF PEEL	E. HURONTARIO ST.	CALEDON TOWN ON	
CA	REGIONAL MUNICIPALITY OF PEEL	E. HURONTARIO ST.	CALEDON TOWN ON	
DTNK	BRAMPTON BRICK SALES	HWY 10	SNELGROVE ON	
DTNK	BRAMPTON BRICK SALES	HWY 10	SNELGROVE ON	
ECA	Argo Caledon Corporation	Part Lots 21 & 22, Concession 1 E.H.S.	Caledon ON	L7M 4P8
ECA	The Regional Municipality of Peel	Lot 23, Concession 1	Caledon ON	L6T 4B9
ECA	Argo Caledon Corporation		Caledon ON	L7M 4P8
ECA	Argo Caledon Corporation	Part Lots 21 & 22, Concession 1 E.H.S.	Caledon ON	L7M 4P8
ECA	The Regional Municipality of Peel	Hurontario St	Caledon ON	L6T 3Y5
ECA	The Regional Municipality of Peel	Lot 23, Concession 1	Caledon ON	L6T 4B9
ECA	The Regional Municipality of Peel	Hurontario Street	Caledon ON	L6T 4B9

FSTH	CBM	WEST SIDE HWY 10	CALEDON ON	
FSTH	CBM	WEST SIDE HWY 10	CALEDON ON	
GEN	UNITED AGGREGATES LTD. 39-116	CALEDON PIT, HWY. #10, SOUTH OF CALEDON C/O 35 VAN KIRK DRIVE, UNIT 20-A	BRAMPTON ON	L7A 1A5
GEN	Canada Building Materials Company	RR#2 Highway 10, West Side	Caledon ON	L0N 1C0
PES	CALEDON COUNTRY GARDENS	HWY. #10	CALEDON ON	L0N1C0
PRT	BRAMPTON BRICK SALES	HWY 10	SNELGROVE ON	
SCT	Caledon Sand & Gravel Inc.	Hwy 10	Caledon Village ON	L0N 1C0
SCT	BLUE CIRCLE AGGREGATES	Hwy 10	Caledon Village ON	L0N 1C0
SCT	UNITED AGGREGATES LTD	HWY 10	CALEDON VILLAGE ON	L0N 1C0
SPL		Highway 10	Caledon ON	
SPL		on Highway 10	Caledon ON	

Unplottable Report

Site:
Lot 21 Con 1 Caledon ON

Database:
AAGR

Type:	Pit
Region/County:	Peel
Township:	Caledon
Concession:	1
Lot:	21
Size (ha):	
Landuse:	
Comments:	Oak Ridges Moraine, rehabilitated

Site:
Lot 23, Concession 1 Caledon ON

Database:
CA

Certificate #:	8631-4UMKLW
Application Year:	01
Issue Date:	5/3/01
Approval Type:	Industrial air
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Peel
Client Address:	10 Peel Centre Drive
Client City:	Brampton
Client Postal Code:	L6T 4B9
Project Description:	This application is for a Certificate of Approval for a 100kW diesel generator to be used as standby and operated in the event of a power failure at the Caledon East Well Pumping facility.
Contaminants:	
Emission Control:	Silencer

Site: ***Caledon East Well Pumping Facility***
Lot 23, Concession 1 Caledon ON

Database:
CA

Certificate #:	7562-4USS4E
Application Year:	01
Issue Date:	5/10/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Peel
Client Address:	10 Peel Centre Drive
Client City:	Brampton
Client Postal Code:	L6T 4B9
Project Description:	This application is for a Certificate of Approval to abandon two (2) existing waterwells and the development of a third well.
Contaminants:	
Emission Control:	

Site: ***Fernbrook Homes (Etobicoke Creek) Limited***
East of Hurontario Street Caledon ON

Database:
CA

Certificate #:	3965-87HPKM
Application Year:	2010
Issue Date:	8/10/2010
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: ***Caledon Village Well No. 3 and Well No. 4***
Highway 10 Caledon ON

Database: ***CA***

Certificate #: 7080-56FSCY
Application Year: 02
Issue Date: 6/13/02
Approval Type: Municipal & Private water
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: Region of Peel
Client Address: 4th Floor, 10 Peel Centre Dr.,
Client City: Brampton
Client Postal Code: L6T 4B9
Project Description: The system comprises of two (2) well pump housees, reservoir and booster pumping station and distribution system
Contaminants:
Emission Control:

Site: ***Caledon Village Well No. 3 and Well No. 4***
Highway 10 Caledon ON

Database: ***CA***

Certificate #: 8732-5AUL84
Application Year: 02
Issue Date: 6/13/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: Amended CofA
Client Name: The Corporation of the Regional Municipality of Peel
Client Address: 10 Peel Centre Drive, Fourth Floor
Client City: Brampton
Client Postal Code: L6T 4B9
Project Description: Amendment of Deadline for Hydrogeological GDUI Study Reports
Contaminants:
Emission Control:

Site: ***R.M. OF PEEL***
E. HURONTARIO ST. CALEDON TOWN ON

Database: ***CA***

Certificate #: 3-1453-92-
Application Year: 92
Issue Date: 11/4/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REGIONAL MUNICIPALITY OF PEEL***
E. HURONTARIO ST. CALEDON TOWN ON

Database: ***CA***

Certificate #:	8-3357-92-
Application Year:	92
Issue Date:	11/24/1992
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	30 KW DIESEL GEN-SET AT SEW. PUMP STA.
Contaminants:	Nitrogen Oxides
Emission Control:	No Controls

Site: ***BRAMPTON BRICK SALES***
HWY 10 SNELGROVE ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	11099491
Status:	EXPIRED
Instance ID:	68861
Instance Type:	FS Propane Tank
Description:	FS Propane Tank
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Original Source:	EXP
Record Date:	Up to Mar 2012

Site: ***BRAMPTON BRICK SALES***
HWY 10 SNELGROVE ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	9903065
Status:	EXPIRED
Instance ID:	398546
Instance Type:	FS Facility
Description:	FS Propane Refill Cntr - Cylr Fill
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Original Source:	EXP
Record Date:	Up to Mar 2012

Site: ***Argo Caledon Corporation***
Part Lots 21 & 22, Concession 1 E.H.S. Caledon ON L7M 4P8

Database: ***ECA***

Approval No:	7638-B24JNZ	***MOE District:***	
Approval Date:	2018-07-05	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part Lots 21 & 22, Concession 1 E.H.S.
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5692-AZQP8Y-14.pdf

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Site: ***The Regional Municipality of Peel***
Lot 23, Concession 1 Caledon ON L6T 4B9

Database: ***ECA***

Approval No: 7562-4USS4E
Approval Date: 2001-05-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Lot 23, Concession 1
Full Address:
Full PDF Link:

Site: ***Argo Caledon Corporation***
Caledon ON L7M 4P8

Database: ***ECA***

Approval No: 4559-9C5NME
Approval Date: 2013-10-04
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2408-9BLJ8A-14.pdf

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Site: ***Argo Caledon Corporation***
Part Lots 21 & 22, Concession 1 E.H.S. Caledon ON L7M 4P8

Database: ***ECA***

Approval No: 7670-AZXLHF
Approval Date: 2018-07-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part Lots 21 & 22, Concession 1 E.H.S.
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4256-AZGKKQ-14.pdf

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Site: ***The Regional Municipality of Peel***
Hurontario St Caledon ON L6T 3Y5

Database: ***ECA***

Approval No: 8194-77ZKFG
Approval Date: 2007-10-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems

Address: Hurontario St
Full Address:
Full PDF Link:

Site: ***The Regional Municipality of Peel***
Lot 23, Concession 1 Caledon ON L6T 4B9

Database: ***ECA***

Approval No: 8631-4UMKLW
Approval Date: 2001-05-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Address: Lot 23, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6302-4TQKCK-14.pdf

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

Site: ***The Regional Municipality of Peel***
Hurontario Street Caledon ON L6T 4B9

Database: ***ECA***

Approval No: 9308-7HBQKN
Approval Date: 2008-08-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Hurontario Street
Full Address:
Full PDF Link:

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

Site: ***CBM***
WEST SIDE HWY 10 CALEDON ON

Database: ***FSTH***

License Issue Date: 5/1/2002
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1988
Corrosion Protection:
Capacity: 22730
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***CBM***
WEST SIDE HWY 10 CALEDON ON

Database: ***FSTH***

License Issue Date: 5/1/2002
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active

Year of Installation: 1988
Corrosion Protection:
Capacity: 22730
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***UNITED AGGREGATES LTD. 39-116***
CALEDON PIT, HWY. #10, SOUTH OF CALEDON C/O 35 VAN KIRK DRIVE, UNIT 20-A BRAMPTON ON L7A 1A5

Database: ***GEN***

Generator No: ON0443002
Status:
Approval Years: 94
Contam. Facility:
MHSW Facility:
SIC Code: 0821
SIC Description: SAND & GRAVEL PITS

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Site: ***Canada Building Materials Company***
RR#2 Highway 10, West Side Caledon ON L0N 1C0

Database: ***GEN***

Generator No: ON4134996
Status:
Approval Years: 02,03,04,05,06
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 270
Waste Class Desc: OTHER SPECIFIED ORGANICS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: ***CALEDON COUNTRY GARDENS***
HWY. #10 CALEDON ON L0N1C0

Database: ***PES***

Detail Licence No:
Licence No: 10711
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 03
Licence Type Code: 21
Licence Class: 03
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 905
Oper Phone No: 8381026
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:

County: ***SWP Area Name:***
Trade Name:
PDF Link:

Site: ***BRAMPTON BRICK SALES***
HWY 10 SNELGROVE ON

Database: ***PRT***

Location ID: 19203
Type: retail
Expiry Date: 1993-01-31
Capacity (L): 1000
Licence #: 0076351279

Site: ***Caledon Sand & Gravel Inc.***
Hwy 10 Caledon Village ON L0N 1C0

Database: ***SCT***

Established: 01-JUL-55
Plant Size (ft²):
Employment:

--Details--
Description: Sand and Gravel Mining and Quarrying
SIC/NAICS Code: 212323

Description: Sand and Gravel Mining and Quarrying
SIC/NAICS Code: 212323

Site: ***BLUE CIRCLE AGGREGATES***
Hwy 10 Caledon Village ON L0N 1C0

Database: ***SCT***

Established: 1970
Plant Size (ft²): 0
Employment: 30

--Details--
Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

Site: ***UNITED AGGREGATES LTD***
HWY 10 CALEDON VILLAGE ON L0N 1C0

Database: ***SCT***

Established: 1970
Plant Size (ft²): 0
Employment: 30

--Details--
Description: MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED
SIC/NAICS Code: 3295

Site:
Highway 10 Caledon ON

Database: ***SPL***

Ref No: 3563-8B95ZE
Site No:
Incident Dt:
Year:
Incident Cause: Other Discharges
Incident Event:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:

Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	Operating Fluid	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/15/2010	***Site Map Datum:***	
Dt Document Closed:	11/19/2010	***SAC Action Class:***	Land Spills
Incident Reason:	Other - Reason not otherwise defined	***Source Type:***	
Site Name:	Highway 10, 0.5km north of King<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: Hwy 10, 40L of fluids to roadway		
Contaminant Qty:	40 L		

Site: ***Database:*** ***SPL***

on Highway 10 Caledon ON

Ref No:	2883-9NKMUK	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/09/02	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Collision/Accident	***Sector Type:***	Truck - Transport/Hauling
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	on Highway 10
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Caledon
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Priority Field Response (ERP Callout)	***Easting:***	
Dt MOE Arvl on Scn:	2014/09/02	***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/09/02	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Highway Spills (usually highway accidents)
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	MVA<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: fatality fuel in ditch, water		
Contaminant Qty:	0 other - see incident description		

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jun 30, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Jul 31, 2020

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-Jun 30, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 - Sep 2020

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-Dec 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Nov 30, 2020

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Jul 31, 2020

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-Nov 30, 2020

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-Nov 30, 2020

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-Nov 30, 2020

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-Oct 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

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: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jul 31, 2020

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 2018

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2020

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Sep 30, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Nov 30, 2020

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-Nov 30, 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 in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Nov 30, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2020

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-Jun 30, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Nov 2019; Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2019

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

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-Nov 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

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 B

Ontario

Ministry of the Environment

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Kirstin Olsen, M.Sc. DS Consultants Ltd. 6221 Highway 7, Unit 16 Vaughan, ON, L4H 0K8 Email Address: kirstin.olsen@dsconsultants.ca			FOI Request No.	Date Request Received
			Fee Paid ☐ ACCT ☐ CHQ X VISA-MC ☐ CASH	
Telephone/Fax Nos. Tel : 905-264-9393	Your Project/Reference No. 19-312-101	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions)**

3035 Old School Road, Caledon also known as Lot 22, Concession 1, EHS, Caledon, Peel Regional Municipality

Present Property Owner(s) and Date(s) of Ownership

Bill Newhouse

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	All Years
Orders	All Years
Spills	All Years
Investigations/prosecutions ▸ Owner **AND** tenant information must be provided	All Years
Waste Generator number/classes	All Years

Certificates of Approval ▸ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	Specify Year(s) Requested
air - *emissions*		1986- present
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986- present
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986- present
waste water - *industrial discharge*		1986- present
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*		1986- present
waste systems - *PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste*		1986- present
pesticides - *licenses*		1986- present

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

Kirstin Olsen

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May 18, 2021 3:19 PM
To: Kirstin Olsen
Subject: RE: Tank Search Request - Caledon

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

NO RECORD FOUND

Hello Kirstin,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Saara

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

From: Kirstin Olsen <kirstin.olsen@dsconsultants.ca>
Sent: May 18, 2021 2:23 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Tank Search Request - Caledon

Good afternoon,

Please would you perform a tank search on the following address:

- 3035 Old School Road, Caledon

Thank you

Regards,

Kirstin Olsen, MSc.
Project Manager, Environmental Services
DS Consultants Ltd
6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8
Cell: (437) 928-2794
www.dsconsultants.ca

opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address:

3035 Old School Road Caledon 3431 Old School Road Caledon 12976 Kennedy Rd Caledon ON

Project No:

21052000117

Opta Order ID:

90833

Requested by:

Eleanor Goolab
Ecolog Eris

Date Completed:

5/21/2021 7:57:04 AM

Project Name: Hicks West and East

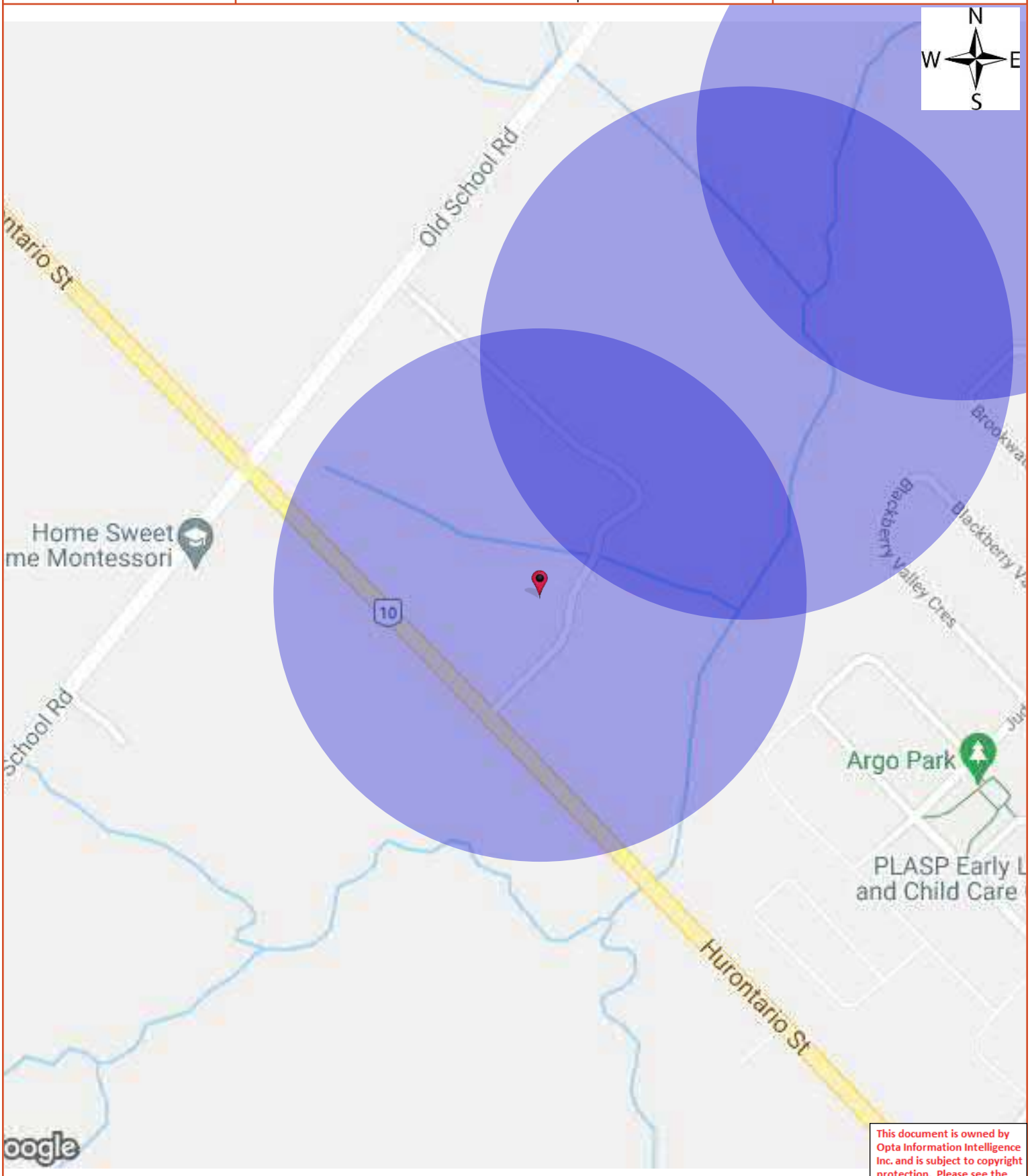
Project #: 21052000117
P.O. #: 19312100

ENVIROSCAN Report

Search Area: 3035 Old School Road Caledon 3431 Old School Road Caledon 12976 Kennedy Rd Caledon ON

Requested by:
Eleanor Goolab
Date Completed: 05/21/2021 07:57:04

enviroscan
OPTA INFORMATION INTELLIGENCE



Project Name: Hicks West and East

Project #: 21052000117
P.O. #: 19312100

ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions

Requested by:
Eleanor Goolab
Date Completed: 05/21/2021 07:57:04

enviroscan
OPTA INFORMATION INTELLIGENCE

Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Project Name: Hicks West and East

Project #: 21052000117
P.O. #: 19312100

ENVIROSCAN Report

No Records Found

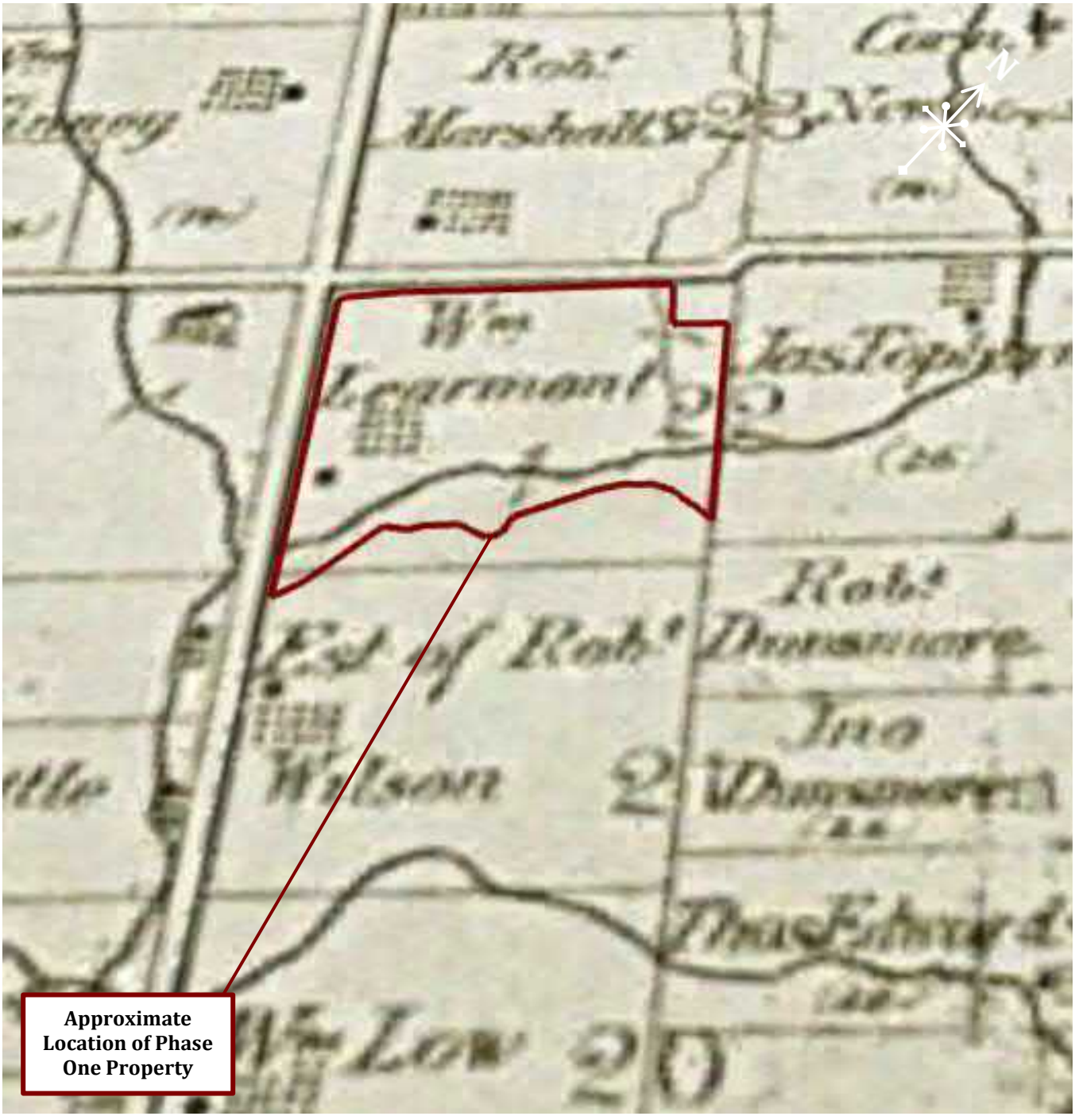
Requested by:
Eleanor Goolab
Date Completed: 05/21/2021 07:57:04

enviroscan
OPTA INFORMATION INTELLIGENCE

No Records Found

N
W E
S

Appendix C

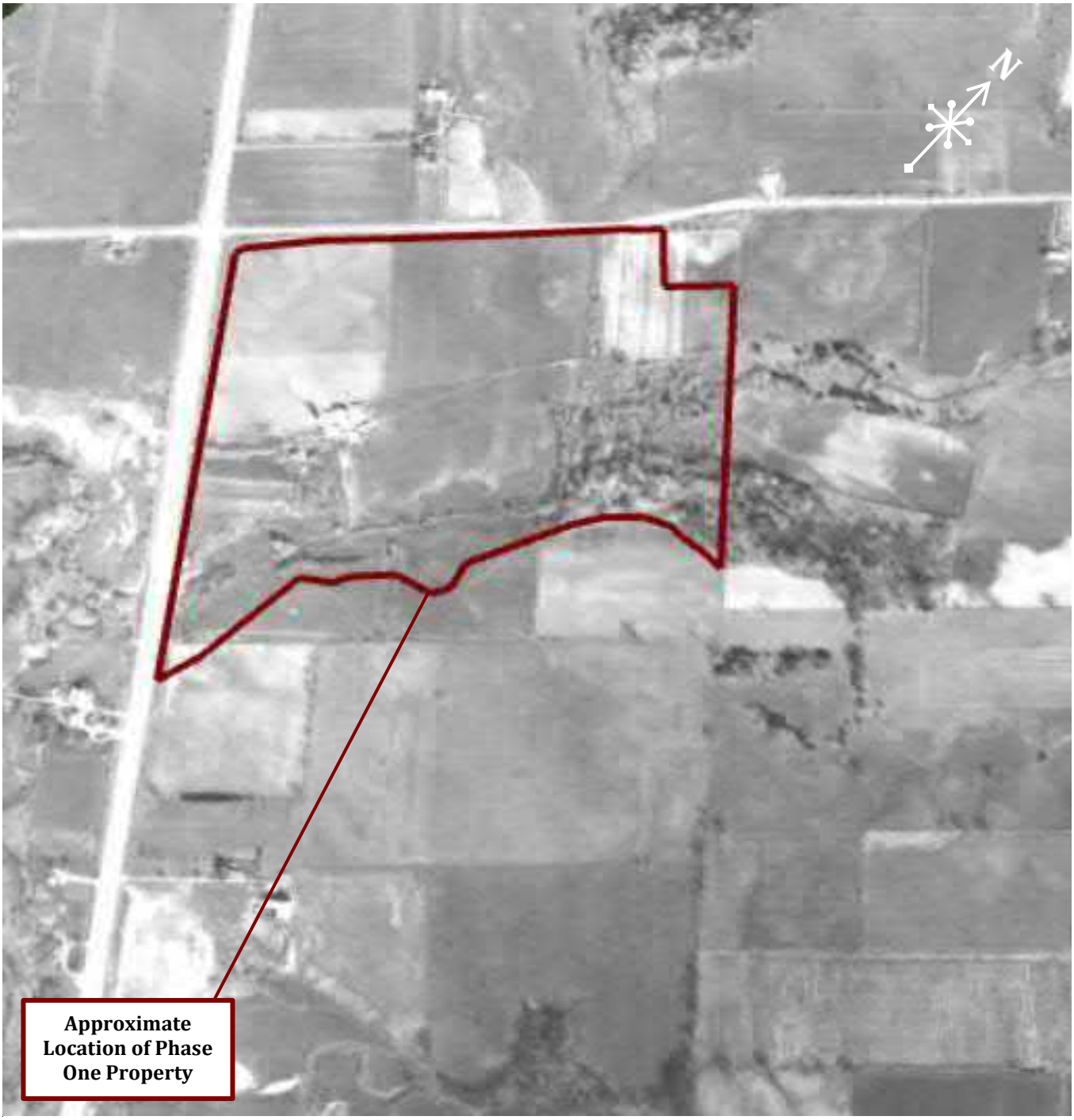


County Atlas Project

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

PEEL COUNTY ATLAS: 1877

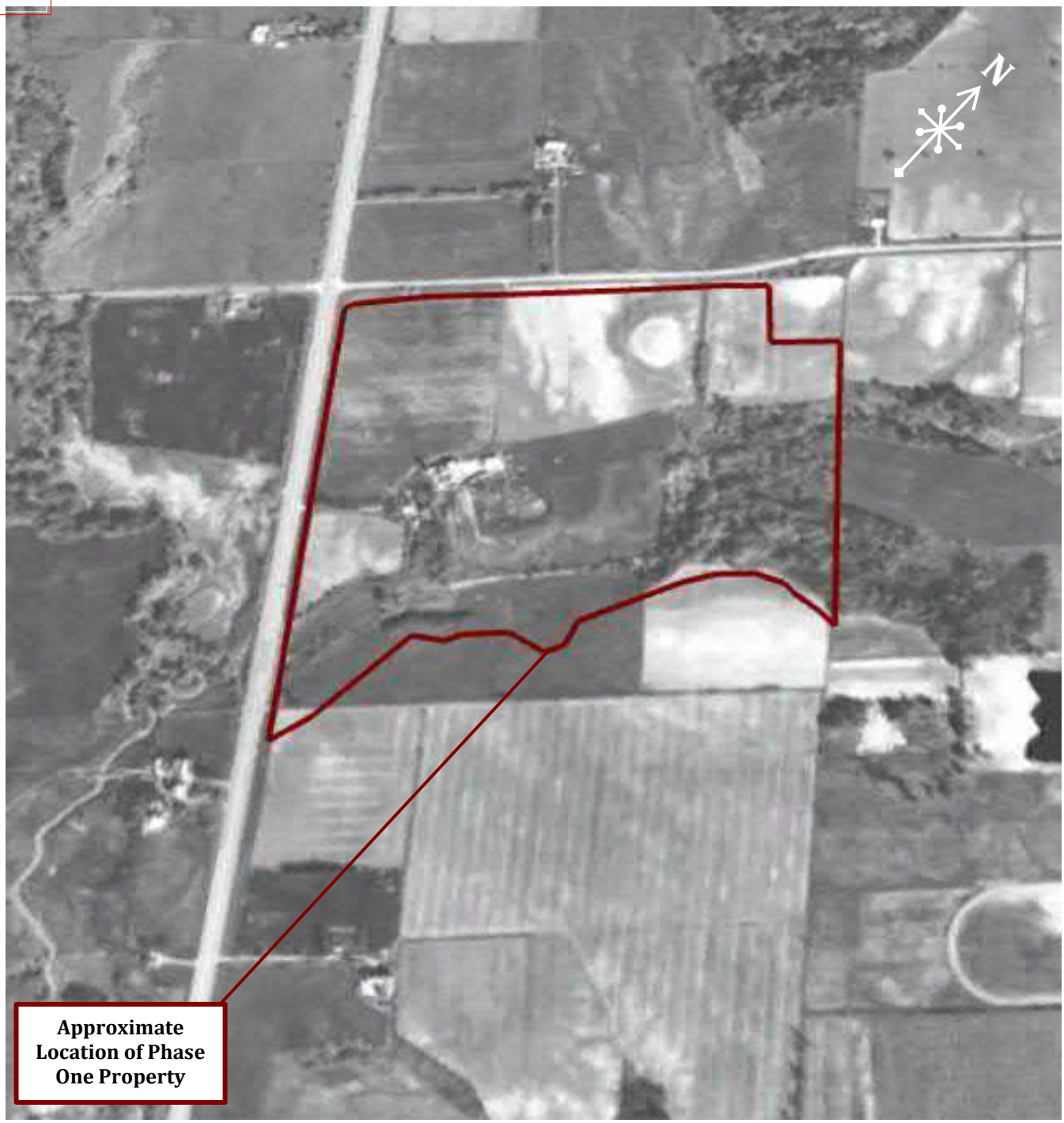
Scale: NTS	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-1**



AERIAL PHOTOGRAPH: 1967

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

Scale: ~1:8100	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **3431 Old School Rd, Caledon, ON**	Prepared By: TL
Date: Jul-21		Reviewed By: TL
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-2**



AERIAL PHOTOGRAPH: 1974

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

Scale: ~1:8000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-3**

AERIAL PHOTOGRAPH: 1985

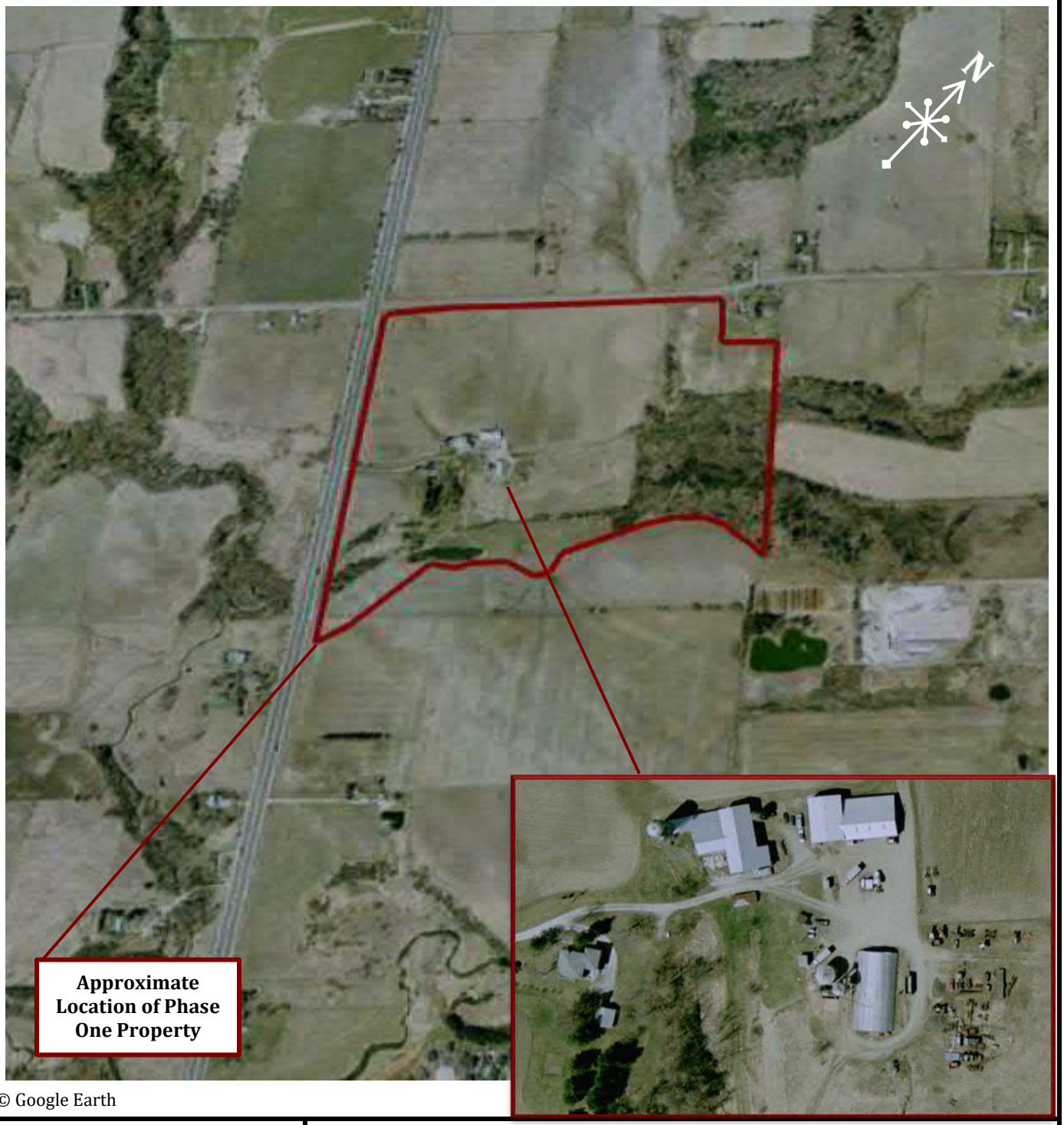
6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: ~1:7800	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-4**

AERIAL PHOTOGRAPH: 1996

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

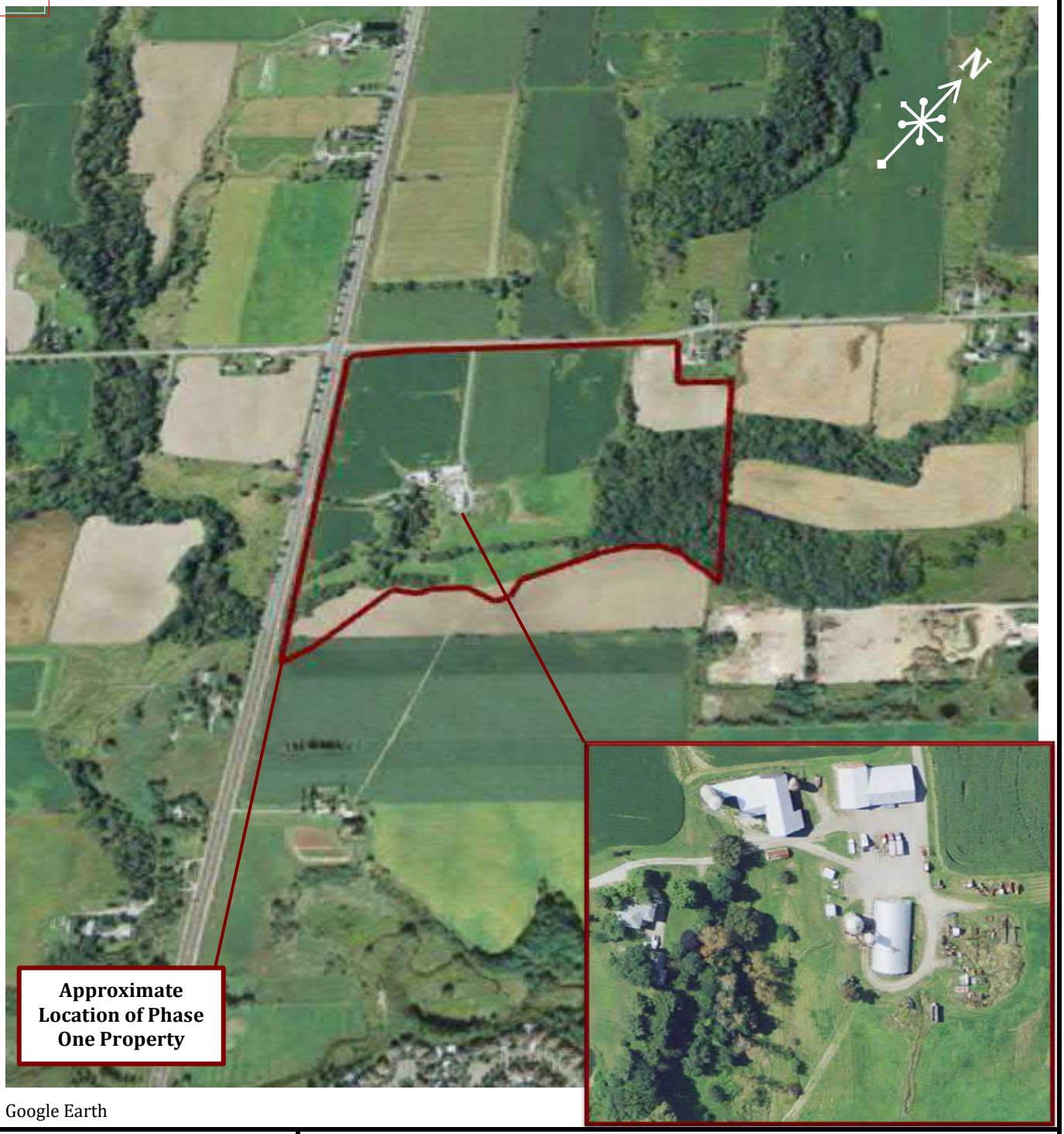
Scale: ~1:7400	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-5**



SATELLITE IMAGE: 2005

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

Scale: ~1:9800	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-6**



SATELLITE IMAGE: 2009

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

Scale: ~1:9900	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-7**

© Google Earth

SATELLITE IMAGE: 2018

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

Scale: ~1:1100	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 3035 Old School Road, Caledon, Ontario**	Prepared By: TL
Date: Jul-21		Reviewed By: KO
Project: 19-312-100	Prepared For: Argo Kennedy Limited	Drawing No. **D-8**

Appendix D

Picture 1: View of the western wall of Site Building A.

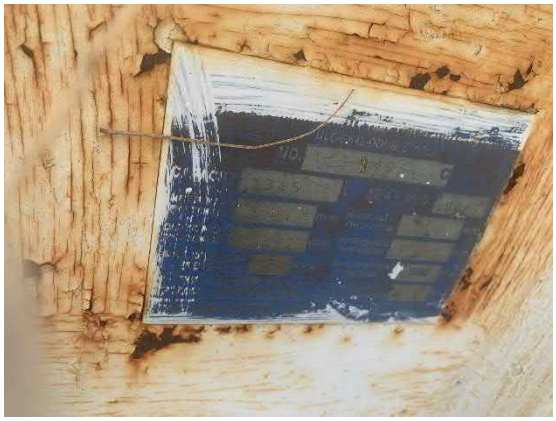
Picture 2: View the southern wall of Site Building A.

Picture 3: View of the southern outlook of Site Building A.

Picture 4: View of the eastern wall of Site Building A.

Picture 5: View of the south wall of Shed 1.

Picture 6: View of the 1345-litre gasoline AST (PCA-6) located to the west of Quonset Hut 1.



Picture 7: View of the manufacturers stamp on the gasoline AST.

Picture 8: View of the southwestern extent of Barn 1.

Picture 9: View of a truck and assorted waste in the southern portion of Barn 1.

Picture 10: View of the southeastern wall of Barn 1.

Picture 11: View of the two (2) diesel fuel ASTs (PCA-7) located west adjacent to Barn 2.

Picture 12: View of the farm equipment on the eastern side of the farm.

Picture 13: View of the western side of the Property, facing northwest towards Site Building A.

Picture 14: View of the southwestern side of Site Building D.

Picture 15: View of the natural gas connection to the utility shed, located in the central portion of the farm.

Picture 16: View of the three (3) empty ASTs on the southern extent of Quonset Hut 1.

Picture 17: View of the northeastern side of Quonset Hut 1.

Picture 18: View of southern portion of the Property, and the south adjacent properties.

Picture 19: View of the driveway entering the Phase One Property from Old School Road.

Picture 20: View of the Site from the intersection of Old School Road and Hurontario St, facing southeast.

Picture 21: View of the northwestern portion of the Phase One Property.

Picture 22: View of the southern portion of the Phase One Property.

Appendix E

"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)
3035 Old School Road, Caledon, ON
Lot 22, Concession 1 EHS, Registered Plan 14235, Caledon, Peel Regional Municipality

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1877	Crown	Assumed agricultural or other	Agricultural or other use	None
1877-1900	Unknown	Agricultural and Residential	Agricultural and Residential	
1900-2009	The Newhouse Family	Agricultural and Residential	Agricultural and Residential	According to Mr. Bill Newhouse (the current property owner) his family have owned the Phase One Property since the 1900s and utilised it for residential and agricultural purposes.
2009-2021	Mr. Bill Newhouse	Agricultural, Residential and Commercial	Agricultural, Residential and Commercial	The northwestern portion of the Phase One Property was utilised as a sales centre for residential housing between 2009 and 2021. The remaining portions of the Site continued to be utilized for agricultural and residential purposes.
2020 (January)-present	Mr. Bill Newhouse	Agricultural and Residential	Agricultural and Residential	At the time of the Phase One Site Reconnaissance in January 2021 it was noted that the commercial buildings had been demolished.

Notes:

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

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

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

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