



Phase One Environmental Site Assessment

TACC Development Lands- Mayfield Tullamore Neighborhood
SE Corner of Bramalea Road and Old School Road
Caledon, Peel Region, Ontario

Submitted to:

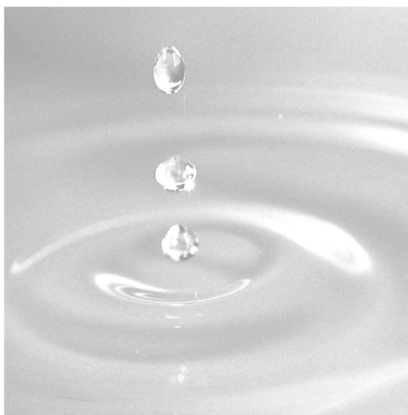
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Project No. 2407688



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Record of Revisions

Identification	Date	Description of Issued and/or Revision
First Submission	May 20, 2025	Phase One ESA

Acronyms and Abbreviations

°C	degree Celsius
ANSI	Area of Natural and Scientific Interest
APEC	Area of Potential Environmental Concern
AST	Aboveground Storage Tank
APU	Assessment of Past Uses
BESR	Brownfields Environmental Site Registry
GEI	GEI Consultants Canada Ltd.
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
CPU	Certificate of Property Use
EBR	Environmental Bill of Rights
EC	Electrical Conductivity
ECA	Environmental Compliance Approval
EPA	Environmental Protection Act
ERIS	Environmental Risk Information Services Ltd.
ESA	Environmental Site Assessment
EASR	Environmental Activity and Sector Registry
FIP	Fire Insurance Plan
FOI	Freedom of Information
Ha	hectare(s)
m asl	metres above sea level
m bgs	metres below ground surface
MECP	Ministry of Environment, Conservation and Parks
O.Reg. 406/19	Ontario Regulation 406/19
O.Reg. 153/04	Ontario Regulation 153/04
OCPs	Organochlorine pesticides
PAHs	Polycyclic Aromatic Hydrocarbons
PCA	Potentially Contaminating Activity
PCBs	Polychlorinated biphenyls
PHCs	Petroleum Hydrocarbons
QP _{ESA}	Qualified Person for Environmental Site Assessment
RSC	Record of Site Condition
ROW	Right-of-Way
SAR	Sodium Adsorption ratio
SCS	Site Condition Standard
SDS	Safety Data Sheet
SPLP	Synthetic Precipitation Leaching Procedure
TSSA	Technical Standards & Safety Authority
UST	Underground Storage Tank
VOC	Volatile Organic Compound(s)

Executive Summary

GEI Consultants Canada Ltd. (GEI) was retained by TACC Developments (Armstrong) Ltd. (the Client), to complete a Phase One Environmental Site Assessment (ESA) of a property located at the southeast corner of Bramalea Road and Old School Road in Caledon, Peel Region, Ontario (hereinafter referred to as the “Site” or “Phase One Property”). The municipal addresses associated with the Site include:

- 12933 Bramalea Road
- 5089 Old School Road
- 5101 Old School Road
- 5155 Old School Road

It should be noted that the residential dwelling located at 5069 Old School Road, which fronts onto Old School Road and abuts the Site, as well as another residential dwelling located at 12802 Bramalea Road, located adjacent to the southwest corner of the Site, are not part of the Phase One Property and are therefore excluded from the Phase One ESA boundary.

The Site is proposed for residential subdivision development. It is understood that as per the Town of Caledon’s Pre- Application Review Committee (PARC) Meeting Form and Checklist provided for the Site, a Record of Site Condition (RSC) will be required to support the proposed residential subdivision development application. To support the RSC filing, this Phase One Environmental Site Assessment (ESA) has been prepared in accordance with Ontario Ministry of the Environment, Conservation and Parks (MECP) Regulation 153/04, as amended (O. Reg. 153/04). The purpose of this Phase One ESA is to identify any actual or potential environmental concerns or risks associated with the property, arising from current or historical land uses on-site and on adjacent properties.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in general accordance with O.Reg.153/04 and in accordance with generally accepted professional practices. Subject to this standard of care, GEI makes no express or implied warranties regarding its services, and no third-party beneficiaries are intended.

The Site is irregular in shape and encompasses approximately 178 acres (72 hectares) in total area. It is currently under a combination of commercial (farming), agricultural, and residential uses. A large portion of the Site consists of undeveloped agricultural fields, along with several farm-related buildings and a cluster of grain storage silos located in the western portion of the property. These silos are used for commercial grain storage on behalf of third parties. The northern portion of the Site is developed with three (3) residential dwellings fronting onto Old School Road.

Two waterbodies are present on the Site- one located in the northwestern portion and the other in the northeasternmost area. A recent Local Subwatershed Study completed by GEI for the Site and surrounding properties identified two Natural Heritage Systems (NHS) traversing the Site, each associated with one of these waterbodies.

The Site slopes overall downward from west to east and also from northwest to southeast. There is an elevation change of approximately 8.0 m from the northwest to the northeast portion of the Site, and a more significant grade change of approximately 18 m from the northwest corner to the southeast corner.

The Site is surrounded by agricultural lands, scattered residential properties, and golf courses. The Site is bounded by Old School Road to the north, with farmlands beyond; Bramalea Road to the west, followed by a golf course; farmland and another golf course to the east; and farmland to the south.

Based on the Phase One ESA findings, the following is a summary of Areas of Potential Environmental Concern that have been identified at the Site.

APEC¹	Location of APEC on Phase One Property	PCA²	Location of PCA (On-Site or Off-Site)	COPCs³	Media Potentially Impacted (Groundwater, soil and/or sediment)
Potential use of pesticides and fertilizers on farming lands (APEC 1)	Entire Phase One Property	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site (PCA 1)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCs	Soil
Presence of three (3) aboveground fuel oil tanks for refueling farm equipment (APEC 2)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 2)	Metals, BTEX, PHCs	Soil
Presence of an aboveground old waste oil aboveground tank (APEC 3)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 3)	Metals, BTEX, PHCs	Soil
Stained area inside the maintenance shop- Building B (APEC 4)	Within Northwest quadrant - Phase One Property	PCA #Other - Staining	On-Site (PCA 4)	Metals, VOCs, BTEX, PHCs, PAHs	Soil

APEC¹	Location of APEC on Phase One Property	PCA²	Location of PCA (On-Site or Off-Site)	COPCs³	Media Potentially Impacted (Groundwater, soil and/or sediment)
Hydraulic oil drums and plastic pails storing lubricant placed inside the maintenance shop- Building B on bare ground. (APEC 5)	Within Northwest quadrant - Phase One Property	PCA#52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems	On-Site (PCA 5)	Metals, VOCs, BTEX, PHCs	Soil
Bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A (APEC 6)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 6)	Metals, hexavalent chromium, mercury, arsenic, antimony, selenium, cyanide, boron (HWS), OCS	Soil
Bulk storage of granular/powder fertilizer inside Building A (APEC 7)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 7)	Metals, hexavalent chromium, mercury, arsenic, antimony, selenium, cyanide, boron (HWS), OCS	Soil
Potential fill associated within former farm buildings footprints (APEC 8)	Within Northwest quadrant - Phase One Property	PCA #30 Importation of fill of unknown quality	On-Site (PCA 8)	Metals, hexavalent chromium, mercury, arsenic, antimony, selenium, cyanide, boron (HWS), PAHs	Soil
Presence of pole mounted transformer located west of Building B (APEC 9)	Within Northwest quadrant - Phase One Property	PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 9)	BTEX, PHCs and PCBs	Soil
Presence of pole mounted	Within Northwest quadrant -	PCA# 55	On-Site (PCA 10)	BTEX, PHCs and PCBs	Soil

APEC¹	Location of APEC on Phase One Property	PCA²	Location of PCA (On-Site or Off-Site)	COPCs³	Media Potentially Impacted (Groundwater, soil and/or sediment)
transformer located west of Building D (APEC 10)	Phase One Property	Transformer Manufacturing, Processing and Use			

Notes:

1. Area of Potential Environmental Concern means the area on, in or under a Phase One Property where one or more contaminants are potentially present, as determined through the Phase One ESA
2. PCA- Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred on as well as Phase One Property and /or in a Phase One Study Area.
3. COPCs- Contaminants of Potential Concern

PHCs = petroleum hydrocarbons; BTEX = benzene, toluene, ethylbenzene, xylenes; VOCs = volatile organic compounds; PAHs = polycyclic aromatic hydrocarbons; PCBs = polychlorinated biphenyls and OCs= organochlorinated pesticides

Based on the findings and conclusions of Phase One ESA, a Phase Two ESA is required, as APECs are identified.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

1. Introduction

GEI Consultants Canada Ltd. (GEI) was retained by TACC Developments (Armstrong) Ltd. (the Client), to complete a Phase One Environmental Site Assessment (ESA) of a property located at the southeast corner of Bramalea Road and Old School Road in Caledon, Peel Region, Ontario (hereinafter referred to as the “Site” or “Phase One Property”). The municipal addresses associated with the Site include:

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The Site is proposed for residential subdivision development. It is understood that as per the Town of Caledon’s Pre- Application Review Committee (PARC) Meeting Form and Checklist provided for the Site, a Record of Site Condition (RSC) will be required to support the proposed residential subdivision development application. To support the RSC filing, this Phase One Environmental Site Assessment (ESA) has been prepared in accordance with Ontario Ministry of the Environment, Conservation and Parks (MECP) Regulation 153/04, as amended (O. Reg. 153/04). The purpose of this Phase One ESA is to identify any actual or potential environmental concerns or risks associated with the property, arising from current or historical land uses on-site and on adjacent properties.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in general accordance with O.Reg.153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, GEI makes no express or implied warranties regarding its services, and no third-party beneficiaries are intended.

1.1. Site Information

For the purposes of this report, Bramalea Road is considered to be oriented in a north–south direction. The Site is located at the southeast corner of Bramalea Road and Old School Road in Caledon, Peel Region, Ontario, as shown on Figure 1. The Site is irregular in shape and encompasses approximately 178 acres (72 hectares) in total area. It is currently under a combination of commercial (grain storage), agricultural, and residential uses. A large portion of the Site consists of undeveloped agricultural fields, along with several farm-related buildings and a cluster of grain storage silos located in the western portion of the property.

These silos are used for commercial grain storage on behalf of third parties. The northern portion of the Site contains three (3) residential dwellings fronting onto Old School Road.

Two waterbodies are present on the Site- one located in the northwestern portion and the other in the northeasternmost area. A recent Local Subwatershed Study completed by GEI for the Site and surrounding properties identified two Natural Heritage Systems (NHS) traversing the Site, each associated with one of these waterbodies.

The Site slopes overall downward from west to east and also from northwest to southeast. There is an elevation change of approximately 8.0 m from the northwest to the northeast portion of the Site, and a more significant grade change of approximately 18 m from the northwest corner to the southeast corner.

The Phase One Property Information is further summarized in Table 1-1.

Table 1-1. Phase One Property Information

Site Details	
Municipal Addresses	• 12933 Bramalea Road, Caledon East • 5089 Old School Road, Caledon East • 5101 Old School Road, Caledon East • 5155 Old School Road, Caledon East
Current Owner	TACC Developments (Armstrong) LTD.
Owner Address	600 Applewood Crescent, Vaughan, Ontario L4K 4R1
Owner Contact Person	Mr. Christopher Sivry, Development Counsel
Legal Description	Part Lot 21 and 22, Concession 5, East of Hurontario Street, (Geographic Township of Chinguacousy), Town of Caledon, Region Municipality of Peel
Property Identification Number (PIN)	14347-0377 (LT) 14347-0378 (LT) 14347-0379 (LT) 14347-0380 (LT)
Property Size	178 acres (72 hectares)
Approximate Universal Transverse Mercator (UTM) coordinates	Zone: 17 Easting: 596426 m Northing: 4849206 m (1m, NAD83, Google Earth Pro)

2. Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

1. Reviewing the historical occupancy of the Site through the use of available archived and relevant municipal and business directories, Fire Insurance Plans (FIPs) (as available), topographical maps, and aerial photographs;
2. Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
3. Obtaining an Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within a 250 metre (m) radius of the Site;
4. Reviewing available geological maps, well records and utility maps for the vicinity of the Site;
5. Obtaining and reviewing a chain of title and assessment rolls for the Site;
6. Reviewing available reports previously completed for the Site;
7. Conducting interviews with designated Site representative(s) as a resource for current and historical Site information, as well as to provide GEI staff with unrestricted access to all areas of the Site and Site buildings as required by O.Reg.153/04, as amended;
8. Conducting a Site reconnaissance in order to identify any land use practices that may have impacted the environmental condition of the Site;
9. Conducting a reconnaissance of the surrounding properties from the Site and publicly accessible areas in order to identify any land use practices that may have impacted the environmental condition of the Site; and,
10. Preparing a report to document the findings.

The following sections summarize the information gathered by GEI during the Phase One ESA and identifies Potentially Contaminating Activities (PCAs) on the Site and in the Phase One Study Area, and Areas of Potential Environmental Concern (APECs) associated with the Site.

In completing the scope of work, GEI did not conduct any intrusive investigations, including sampling, analyses or monitoring.

GEI personnel who conducted assessment work for this project included Ms. Chahana Mistry, B.Eng. and Ms. Aamna Arora, P.Eng., QP_{ESA}. An outline of their qualifications is provided in Appendix C.

3. Records Review

3.1. General

3.1.1. *Phase One Study Area Determination*

The Site is located at the southeast corner of Bramalea Road and Old School Road in Caledon, Peel Region, Ontario. The Phase One Study Area consists of properties within 250 m from the Site boundaries. The properties wholly or partly within 250 m from the Site boundaries were included in the Phase One Study Area.

The Site is surrounded by agricultural lands, scattered residential properties, and golf courses. The Site is bounded by Old School Road to the north, with farmlands beyond; Bramalea Road to the west, followed by a golf course; farmland and another golf course to the east; and farmland to the south.

The property uses within the Phase One Study Area are shown on Figure 2.

3.1.2. *First Developed Use Determination*

Based on our review of available historical records, the Site has been historically used for agricultural purposes. In the 1954 aerial photograph, the Site is shown as farm fields with a barn, visible in the northwest portion of the Site.

By the 1960s, a residential dwelling had been constructed fronting onto Old School Road; this corresponds to the current house located at 5089 Old School Road. In the late 1970s, commercial farming operations were initiated, as evidenced by the addition of three grain storage silos. Around the same time, a building was constructed to the north of the silos, which currently serves as the maintenance shop and farming equipment storage shed.

In the late 1980s, additional development occurred with the construction of two more silos and the current office building located west of the silos cluster. During the same period, two more residential dwellings were added along the northern portion of the Site, also fronting onto Old School Road.

By the late 1990s, the commercial grain storage and farming business appeared to have expanded further, with the addition of a few more silos.

The Site is currently used for a combination of commercial (grain storage), agricultural, and residential purposes. A large portion of the Site remains as undeveloped agricultural fields. Several farm-related structures and a cluster of grain storage silos are located in the western portion of the property. These silos are actively used for commercial grain storage on behalf of third parties. The northern portion of the Site includes three (3) residential dwellings, all fronting onto Old School Road.

3.1.3. *Fire Insurance Plans*

No FIPs were available for the Site and Phase One Study Area.

3.2. Chain of Title

The Site is currently owned by TACC Developments (Armstrong) Ltd. A complete historical title search was completed by a freelance title searcher Mr. Armand Simo of Title Search Services, and the results are summarized in Table II – Current and Past Uses table included at the end of the report.

3.3. Environmental Reports

No previous environmental reports were reviewed.

3.3.1. *Federal and Provincial Database Search*

A search of provincial, federal and private environmental databases for records pertaining to the Site and properties within the Phase One Study Area was conducted by ERIS. GEI has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the ERIS report is provided in Appendix D. A summary of the significant findings is provided below.

3.3.1.1. Waste Disposal Sites

The ERIS search included the following waste disposal sites databases:

- Anderson's Waste Disposal Sites (1860 to present);
- Waste Disposal Sites – MOE CA Inventory (October 2011 to October 2024); and,
- Waste Disposal Sites MOE 1991 Historical Approval Inventory (up to October 1990).

No records were identified for the Site or within the Phase One Study Area withing the above-mentioned databases.

3.3.1.2. Boreholes (1875 to July 2018)

No records were identified for the Site.

Two (2) boreholes were identified for the properties within the Phase One Study Area. The boreholes were reported to have advanced to a maximum depth of 1.5 m bgs. The general soil stratigraphy of the Phase One Study Area, as outlined in the borehole records, consists of till, silt, and sand. No bedrock was encountered in any of these boreholes.

3.3.1.3. Certificates of Approval (1985 to October 2011) and Environmental Compliance Approval (October 2011 – October 2024)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.4. Ontario Regulation 347 Waste Generator Summary (1986 to November 2022)

No records were identified for the Site. The following records were identified for the properties within the Phase One Study Area:

- The southeast adjacent property located at 12552 Torbram Road, occupied by Mayfield Golf Course Inc., was listed as a waste generator of waste oils and lubricants, petroleum-based waste crankcase oils, sludges, and lubricants, oil skimmings and sludges from 1993 to 2022. The property is listed as having operations of golf courses and country clubs.

Based on the aerial images, buildings inferred to be associated with golf course maintenance operations are located more than 250 m from the south and east boundaries of the Site. Given the significant distance of separation and location of this property being downgradient with respect to the inferred groundwater flow direction, the potential risk from any waste generating activities associated with golf course operations migrating towards the Site is considered low.

3.3.1.5. Dry Cleaning Facilities (January 2004 to December 2022)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.6. National Pollutant Release Inventory - Historic (1993 to May 2017)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.7. Fuel Oil Spills and Leaks (Up to October 2023), TSSA Historic Incidents (2006 to June 2009), Pipeline Incidents (Up to February 2021)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.8. Pesticide Register (October 2011 to October 2024)

No records were identified for the Site.

Pesticide Register records were identified for the site within the Phase One Study Area at 5286 Old School Road. This property is located more than 100 m northeast of the Site. Pesticide use on this property does not pose any environmental concern for the Site due to distance of separation.

3.3.1.9. Fuel Storage Tanks

The ERIS search included a search of the following databases:

1. Fuel Storage Tank (Up to October 2023)
2. Historic Fuel Storage Tank (Pre-January 2010)
3. List of Expired Fuels Safety Facilities (Up to October 2023)
4. Delisted fuel Tanks (Up to October 2023)
5. Federal Identification Registry for Storage Tank Systems (Up to October 2021)
6. Private and Retail Fuel Storage Tanks (1989 to 1996)
7. Retail Fuel Storage Tanks (1999 to April 2024)
8. Commercial Fuel Oil Tanks (Up to October 2023)
9. Anderson's Storage Tanks (1915 to 1953)

No records were identified for the Site or within the Phase One Study Area withing the above-mentioned databases.

3.3.1.10. Ontario Spills (1988 to -June 2024; August 2024; October 2024)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.11. Scott's Manufacturing Directory (1992 to March 2011)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.12. PCB Inventory

The ERIS search included a search of the following databases:

1. National PCB Inventory (1988 to 2008)
2. Inventory of PCB Storage Sites (1987 to Oct 2004; 2012 to Dec 2013)
3. Ontario Regulation 347 Waste Receivers Summary (1986 to November 2022)

No records were identified for the Site or within the Phase One Study Area.

3.3.1.13. Water Well Information System (Up to March 2023)

Following well records were identified for the Site.

Well ID 4907149: A 31.4 m deep water supply well installed in 1989. The drillers well log identified Clayey till up to 10.7 m followed by gravel underlain by Red Shale (Queenston) at approximately 30.0 m deep.

Well ID 4907150: A 31.4 m deep water supply well for livestock and domestic purposes with steel casing (6.5" diameter) for livestock was installed in 1989. The drillers well log identified Clayey till up to 10.7 m followed by gravel underlain by Red Shale (Queenston) at approximately 30.0 m deep.

Well ID 4901472: A 44.2 m deep water supply well with steel casing (7" diameter) for livestock was installed in 1961 within northwest portion of the site, close to the north boundary of the Site. Bedrock was encountered at 35.0 m depth consisting of Shale followed by Limestone.

Well ID 4910260: This is record for a 40.9 m deep well which was decommissioned in 2006.

GEI Comments: It is unclear whether two separate wells were installed as per the records (Well ID 4907149 and Well ID 4907150), or if the records are duplicated and only one well was actually installed. It appears that Well ID 4910260 is likely associated with the decommissioning of well which was installed under Well ID 4901472.

Additionally, fourteen (14) well records were identified within the Phase One Study Area. These wells were associated with either water supply purposes or the installation and decommissioning of observation/monitoring wells.

3.3.2. Municipal City Directories

The Site and surrounding properties were historically generally under agricultural or residential use except for golf courses located west and southeast of the Site. A search for historic municipal city directories was deemed unnecessary, as sufficient information was gathered from other sources.

3.3.3. Ontario Ministry of Environment, Conservation and Parks Records

3.3.3.1. Ministry of Environment, Conservation and Parks (MECP) Databases

The ERIS report records summarized in Section 3.4.1 (Federal and Provincial Database Search) included a summary of select MECP databases. The databases include the following: MECP Environmental Bill of Rights (EBR), Environmental Activity and Sector Registry (EASR), Environmental Compliance Approval (ECA), Certificate of Approval (CofA), MECP Brownfields Environmental Site Registry (BESR), MECP Hazardous Waste Information Network (HWIN) and MECP Waste Disposal Sites.

No records were identified for the Site or within the Phase One Study Area.

3.3.3.2. Freedom of Information Request

The MECP was contacted through the Freedom of Information and Protection of Privacy Act (FOI) on March 07, 2025, for copies of records pertaining to the Site. A written response from some of the regulatory agencies such as the MECP typically requires several weeks to months. A written response from the MECP is pending at the time of this Phase One ESA. The request is included in Appendix E.

3.3.4. *Technical Standards and Safety Authority (TSSA)*

A request was made to the TSSA by email on March 31, 2025, for information regarding fuel storage at the Site and the adjacent properties. A copy of the TSSA request is provided in Appendix E.

An email response from TSSA dated March 31, 2025, was received and is included in Appendix E. Based on the search results, no records were identified for the Site or for the surrounding properties requested.

3.4. *Physical Setting Sources*

3.4.1. *Aerial Photographs*

Aerial photographs were obtained in order to review the development and land use history of the Site, as well as of the lands in the immediate vicinity of the Site. Aerial photograph dated 1954 was obtained online from <https://mdl.library.utoronto.ca/collections/air-photos/1954-air-photos-southern-ontario/index>. Additionally, aerial photographs dated 1967, 1978, 1989, 1999, 2001, 2011, 2017, 2022 were obtained from Region of Peel's collection of historical aerial photographs.

The aerial photographs were collected based on availability from the archives at available intervals to assess the changes at the Site and surrounding lands over time. GEI notes that at the time of this Phase One ESA, the 1967 aerial photograph was the earliest available photograph for the Site and the Phase One Study Area.

The development and land use history of the Site and adjacent properties as depicted on the reviewed aerial photography is summarized in the Table below. Copies of the aerial photographs are included in Appendix F.

Table 3-1. Aerial Photograph Observations

Aerial Photograph Year	Observations
1954	The Site consists of vacant agricultural land, with a waterbody flowing in a north-south direction within its western portion. Another creek traverses the easternmost portion of the Site, continuing from adjacent properties. Although the resolution of the aerial photograph does not allow for detailed examination, a structure resembling a barn appears to be located in the northwest portion of the Site. The surrounding properties are generally vacant farmlands.
1967	A residential dwelling had been constructed onto Old School Road; this corresponds to the current house located at 5089 Old School Road. A couple of farm structures- barns located in the northwest quadrant of the Site. The abutting property at 5069 Old School Road is shown to be developed with a residential house. The remaining surrounding properties are generally farmlands with scattered farm structures.
1978	Three grain silos have been added within the northeast quadrant of the Site at 12933 Bramalea Road. A building is shown added to the area north of the silos, which is the same current building serves as the maintenance shop (Building B). To the south of the maintenance shop a small storage shed type structure was depicted. No significant changes at the surrounding properties were noted when compared to the 1967 aerial photograph. Note, limited coverage was not provided by this photograph, for the surrounding properties to the north along Old School Road.
1989	Additional silos, the current elevator building (Building A) and the current office building (Building C) are visible located west of the n silo cluster. A dirt pathway providing access to the site buildings and silos from Bramalea Road is also noted. Another dirt pathway extends east from the maintenance shop toward a structure of some kind—possibly not a building, though its exact nature is unclear. Additionally, two residential houses were constructed along Old School Road, within the northern portion of the Site. Regarding the surrounding properties, the property at 5251 Old School Road has been developed with a residential house. The property to the west, located at 4907 Old School Road, appears to be used as an orchard, with evenly spaced trees visible. Several drainage swales were depicted throughout the site.
1999	The grain storage and farming business appeared to have expanded further, with the addition of a few more silos within the area of previous silos. A small storage frame structure (Building E) was depicted in this photograph. No other significant changes to the Site were observed compared to the 1989 aerial photograph. The development of a residential house at 12801 Bramalea Road is depicted as located west adjacent to the Site. The property at the west at 4907 Old School Road, appears to be developed with a golf course, and some patches of an orchard/wood lot. Also, the property at 12552 Torbram Road located east adjacent to the southeast corner of the Site appears to be developed with a golf course.
2001	No other significant changes at the Site or surrounding properties were noted when compared to the 1999 aerial photograph.
2011	A few farm buildings- barn/storage shed within northwest portion are no longer visible. No significant changes at the Site or surrounding properties were noted when compared to the 2001 aerial photograph.
2017	No significant changes at the Site or surrounding properties were noted when compared to the 2011 aerial photograph.

2022	No significant changes at the Site or surrounding properties were noted when compared to the 2017 aerial photograph.
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3.4.2. Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed during preparation of this report:

- Atlas of Canada – Toporama Topographic Map (Toporama)
- Ontario Ministry of Energy, Northern Development and Mines website, Bedrock Geology of Ontario, 2011 – MRD 126; and Paleozoic Geology of Southern Ontario, 2007 – MRD 219 (KML format)
- Ontario Ministry of Energy, Northern Development and Mines website, Surficial Geology of Southern Ontario, 2010 (KML format)
- Ontario Ministry of Energy, Northern Development and Mines website, Physiography of Southern Ontario, 2007 (KML format)

Based on the review of the above maps, the following information was obtained:

- The ground elevation at the Site ranges from approximately 273 to 256 metres above sea level (asl), with an approximate elevation differential of 17 m sloping overall downward to the southeast portions of the Site.
- Two waterbodies are present on the Site—one located in the northwestern portion and the other in the northeasternmost area. Additionally, four (4) headwater drainage features are situated in the central to southeastern portion of the Site. These two waterbodies are tributaries of the West Humber River. The Site is located approximately 11 km from the main channel of the West Humber River and about 32 km from the nearest shoreline of Lake Ontario. Overall, groundwater is interpreted to flow in a southeasterly direction, with localized variations influenced by topographic lows, drainage features, on site waterbodies and nearby watercourses.
- The bedrock in the general area of the Site consists of Shale, limestone, dolostone, siltstone, and is part of the Queenston Formation.
- The surficial geology of the northern and southeastern portions of the Site is described as Clay to silt-textured till (derived from glaciolacustrine deposits).
- The physiography of the Site is within the South Slope and is characterized as Till Plains (drumlinized).

The Site Environmental Setting Data is summarized in Table I (end of document).

3.4.3. *Fill Material*

Fill can be used to re-grade a property and to backfill excavations. Based on the site reconnaissance, no significant amounts of fill, such as large stockpiles, were observed. Some fill could potentially be present within footprints of former farm structures. Additionally, localized cut and fill activities may have been undertaken by the farmer as part of routine agricultural operations.

3.4.4. *Water Bodies and Areas of Natural Significance*

Two waterbodies are present on the Site—one located in the northwestern portion and the other near the northeasternmost area. Additionally, four (4) headwater drainage features are situated in the central to southeastern portion of the Site. These two waterbodies are tributaries of the West Humber River. The Site is located approximately 11 km from the main channel of the West Humber River and about 32 km from the nearest shoreline of Lake Ontario. Overall, groundwater is interpreted to flow in a southeasterly direction, with localized variations influenced by topographic lows, drainage features, on site waterbodies and nearby watercourses.

Based on a review of available resources from the Ministry of Natural Resources (MNR) as of May 20, 2025, no provincially mapped wetlands or Areas of Natural and Scientific Interest (ANSI) were identified on the Site. However, a recent Local Subwatershed Study completed by GEI for the Site and surrounding properties identified two (2) wetlands currently located on the Site. One wetland, situated in the northwestern portion of the Site and forming part of the identified Natural Heritage System (NHS), is considered non-significant. The second wetland, located in the northeastern portion of the Site and also part of the NHS, is considered a candidate for designation as a significant wetland.

3.4.5. *Well Records*

3.4.5.1. *Water Wells*

The MECP maintains a database (published from 1955 to present) of water wells drilled in Ontario in accordance with Ontario Regulation 903. The Ontario Well Record website was accessed on March 13, 2025, to identify if any wells exist on the Site or within the Phase One Study Area.

Four (4) well records were identified for the Site as detailed in section 3.3.1.13. Based on the reviewed information, bedrock is anticipated at approximately 30 to 35 m deep.

3.4.5.2. *Oil, Gas, and Salt Wells*

A search of the Oil, Gas & Salt Resources Library (2014) website was completed on March 13, 2025, to identify oil, gas and salt wells within the vicinity of the Site. The search of the website indicated there were no oil, gas or salt wells located at the Site or within the Phase One Study Area.

3.4.6. *Record of Site Condition (RSC)*

A Record of Site Condition (RSC) summarizes the environmental conditions of a property as determined by a Qualified Person (QP) by conducting a Phase One ESA, and where necessary, a Phase Two ESA, remediation, confirmatory sampling and/or a risk assessment. Upon completion of the necessary environmental Site assessments, an RSC for the assessed property can be filed with the MECP and added to the online RSC registry. This online, publicly available registry can be searched to identify what properties may have potential environmental concerns.

Based on the search of the MECP's RSC Registry, no RSC records were identified for the Site or within the Phase One Study Area.

3.5. Site Operating Records

In general, a request is usually made to the property representative for copies of any operating records pertaining to the environmental conditions at the Site. Records would include: regulatory permits; Safety Data Sheets (SDS) for all chemicals that were handled on-Site; underground utility drawings; inventories of chemicals, chemical usage, and chemical storage areas; inventory of aboveground storage tanks (ASTs) and underground storage tanks (USTs); environmental monitoring data; correspondence pertaining to an order or request by the MECP or TSSA; waste management records; process, production, and maintenance documents; records of spills and records of discharges of chemicals; emergency response and contingency plans, including spill prevention and contingency plans; environmental audit reports; and site plans of the facility showing areas of production and manufacturing.

Majority of the Site comprised undeveloped farmland. Portion of the Site is utilized for commercial grain storage operations. No site operating records are available related to grain storage operations.

4. Interviews

During the completion of this Phase One ESA, the following individual(s) were interviewed:

- The current occupant / previous owner's representative Mr. Gord Armstrong was contacted who has knowledge about the site from more than 50 years.

All pertinent information obtained from Mr. Armstrong is included in the relevant sections of this report.

5. Site Reconnaissance

5.1. General Requirements

The Phase One ESA Site reconnaissance was conducted on March 20, 2025, between 1:00 p.m. and 2:00 p.m. by Ms. Aamna Arora. On the day of the Site reconnaissance, the weather was cloudy with a temperature of approximately 8°C. The Site and the adjoining properties were observed from the Site and/or publicly accessible areas. Select photographs documenting the Site visit are included in Appendix G.

5.2. Specific Observations at Phase One ESA Property

5.2.1. Site Description and Buildings

The Site is located at the southeast corner of Bramalea Road and Old School Road in Caledon, Peel Region, Ontario, as shown on Figure 1. The Site is irregular in shape and measures approximately 178 acres (72 hectares) in total area. The municipal addresses associated with the Site include:

- 12933 Bramalea Road
- 5089 Old School Road
- 5101 Old School Road
- 5155 Old School Road

The following sections outline the details of the above-referenced parcels.

12933 Bramalea Road: This municipal parcel comprises the majority of the Site and is currently used for a combination of commercial (grain storage) and agricultural purposes. The onsite buildings located within this parcel are summarized below and have been designated as Buildings A, B, C, and D for ease of reference. In addition to these buildings, a cluster of approximately 11 silos is located on this parcel. These silos are used for commercial grain storage on behalf of third parties. The locations of these buildings and silos are shown in Figure 3:

Building A

Building A is a slab-on-grade structure with a concrete floor, wooden trusses, and metal siding, located northwest of the silo cluster. The building is divided into six bins separated by wooden partition walls and was used for the storage of seeds and granular fertilizers. A concrete-paved area immediately north of the building was used for the outdoor storage of large vertical plastic drums containing liquid fertilizer. Inside the building, a small rectangular tank containing dyed diesel was observed, placed on a wooden skid. A forklift was also noted within the building.

Building B:

Building B is a single-storey, slab-on-grade structure with metal wall panels, wooden framing, and a metal roof. It is used as a maintenance shop and equipment storage shed. The north portion of the building is used as a shop area with a concrete floor, and was observed to contain various chemicals (in original retail-sized packaging) used for equipment maintenance. These included spray paint cans, heavy oils, and de-icing fluids. Minor black staining was noted on the concrete floor. A circular pit, approximately 1.0 m in diameter and inferred to be an abandoned dug well, was identified inside the shop area. Along the south wall of the shop, three drums of new hydraulic oil and several pails of lubricants were stored on a dirt floor. No staining was observed in this area. According to the site representative, this location previously housed an above-ground storage tank (AST) used for heating oil. The southern portion of the building, with a partially concrete floor, was used for the storage of farm equipment. An AST currently used for storing waste oil is located just outside the building, near its northeast corner. The tank appeared to be in fair to poor condition, with visible rusting, but no staining or stressed vegetation was observed on the surrounding ground. The shop is currently heated by propane, with three vertical propane tanks located along the north exterior wall.

Building C:

Building C is a single-storey temporary structure used as an office to support the commercial grain storage operation. A scale used for weighing grain trucks is located along the south side of Building C.

Building D:

Building D is a storage shed used for farm equipment, machinery, and tools. It is constructed with wood framing, metal roofing and siding, and has a dirt floor. A former large barn was previously attached to this shed. The area south of the shed is asphalt-paved, likely for outdoor storage purposes.

Building E:

Building E is a partially constructed/unfinished storage shed, consisting of a wooden frame, plywood floor, and metal roof, but no walls. The building was observed to store discarded solid wood waste, household wood materials (e.g., plywood, doors), and rusted metal barrels (typically used for grease or lubricants). The barrels appeared to be empty at the time of the site visit. No staining was noted on the wooden floor underneath.

The addresses 5089, 5101, and 5155 Old School Road are residential parcels located in the northern portion of the Site, fronting onto Old School Road. Each parcel is developed with a single-storey dwelling with a basement and is occupied by residential tenants.

Two waterbodies are present on the Site- one within the western portion and the other near the easternmost portion.

The Site is surrounded by agricultural lands, scattered residential properties, and golf courses. The Site is bounded by Old School Road to the north, with farmlands beyond; Bramalea Road to the west, followed by a golf course; farmland and another golf course to the east; and farmland to the south.

5.2.2. Heating and Cooling Systems

The residential dwellings at 5089, 5155, and 5101 Old School Road are heated using propane fired furnace and/or electric baseboard heating systems. Air conditioning units were noted servicing residential dwellings at 5155 and 5101 Old School Road.

The maintenance shop portion of Building B at 12933 Bramalea Road is heated using a propane heating system, while the office building (Building C) is equipped with an electric heating system.

5.2.3. Site Utilities and Services

The Site utilities and services were identified at the Site based on the information provided by the site representative and relevant utility infrastructure observed during the Site reconnaissance.

The Site is not connected to enbridge gas, municipal service for water and wastewater utilities. The hydro connection is via overhead lines, as summarized in the table below. It is noted that the precise underground location of the utilities cannot be determined without professional locate services.

Utility	Source	Location	Site Entry
Combined Storm and Sanitary Sewer	Municipality – Town of Caledon	N/A	The Site is not connected to municipal sewers and relies on septic systems for sanitary discharge, with overland flow providing natural relief for stormwater drainage.
Natural Gas	N/A	N/A	The Site is not connected to Enbridge Gas. Heating for the Site buildings is provided through propane-fired furnaces and/or electric (hydro) heating systems.
Water	N/A	N/A	Private water supply well. A small shed adjacent to the well houses the pumping system.
Electricity	Hydro One	On-Site, west adjacent, north adjacent	Overhead hydro lines were observed running along the east side of Bramalea Road, west adjacent, and along the south side of Old School Road, north adjacent. Overhead hydro lines enter the Site from Old School Road, north adjacent.
Communications	Rogers	Unknown	Telecommunications lines were not observed at the Site.

5.2.4. *Site Production and Manufacturing*

No on-Site production or manufacturing processes were observed at the Site during the Site reconnaissance. A cluster of grain storage silos are located in the western portion of the site. These silos are used for commercial grain storage on behalf of third parties.

5.2.5. *Mechanical Equipment*

During the Site reconnaissance, some farm equipment was observed on-site. A cluster of grain storage silos is located in the western portion of the Site. These silos are used for commercial grain storage on behalf of third parties. The mechanical systems typically associated with such operations include bucket elevators to lift grain from ground level into the silos, conveyor systems for horizontal transfer, and fans and ducts for temperature and moisture control. No environmental concerns or adverse observations associated with the grain silo operations were identified during the Site visit.

5.2.6. *Drains, Pits and Sumps*

No drains, pits or sumps were observed at the Site during the Site reconnaissance. Sump pits can be present inside the basements of the residences on site.

5.2.7. *Storage Tanks*

5.2.7.1. Underground Storage Tanks (UST)

The presence/absence and condition (if present) of USTs at the Site was assessed during the Site reconnaissance. GEI did not observe the presence of USTs (fill/vent pipes, access ports) at the time of the Site reconnaissance. Based on interview with Mr. Armstrong, no USTs are currently or formerly present on site.

5.2.7.2. Aboveground Storage Tanks (AST)

The presence, absence, and condition of aboveground storage tanks (ASTs) at the Site were assessed during the Site reconnaissance. GEI confirmed the presence of the following ASTs at the time of the visit:

Three (3) ASTs storing fuel—used for refueling farm equipment and trucks—were located in the western portion of the Site at 12933 Bramalea Road:

- One (1) 1,350 L AST containing gasoline
- One (1) 2,200 L AST containing diesel
- One (1) 4,500 L AST containing dyed diesel

These metal tanks were placed adjacent to each other directly on bare soil, without secondary containment. The ASTs appeared to be in good condition, and no staining or evidence of leakage was

observed in their vicinity. These tanks are associated with PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks.

One (1) AST storing waste oil was identified along the north wall of Building B at 12933 Bramalea Road. This AST appeared to be very old and showed signs of rusting; however, no staining or signs of leakage were observed in the surrounding area. This tank is also associated with PCA #28.

Inside Building A, a small rectangular tank containing dyed diesel was observed, placed on a wooden skid. This is not a fixed tank and being a mobile tank, it is not considered PCAs.

Three (3) horizontal propane tanks were identified at 12933 Bramalea Road, located near the three fuel ASTs and appearing to be associated with the grain silo operations. Also, three vertical propane tanks associated with heating of Building B.

Furthermore, propane tanks were observed at 5089, 5101, and 5155 Old School Road, respectively associated with heating system of the houses.

No potentially contaminating activities (PCAs) were identified in association with any of the propane tanks.

5.2.8. *Water Wells*

One (1) potable dug water supply well was observed at 12933 Bramalea Road. This well serves as the primary source of potable water for the entire Site, including the residential dwellings along Old School Road.

Another drilled water supply well was identified at 5155 Old School Road; however, according to Mr. Armstrong, this well is no longer in use due to suboptimal water quality.

Several monitoring wells were observed on-site, associated with previous geotechnical and hydrogeological investigations conducted by GEI.

5.2.9. *Watercourse, Ditches or Standing Water*

Two waterbodies are present on the Site—one located in the northwestern portion and the other in the northeasternmost area.

No other water watercourses, ditches, or standing water were observed on the Site or within the Phase One Study Area at the time of the Site reconnaissance.

5.2.10. *Site Housekeeping*

In the western portion of the Site, within Building E, some scattered surficial debris was observed, including concrete blocks, bricks, black plastic garbage bags, wood logs, and empty plastic jars.

Additionally, some empty boxes were piled up within the Site. Empty chemical bottles and jars were also observed at Building B. No staining was observed, no PCAs were identified.

No major concerns were identified associated with general site housekeeping.

5.2.11. Chemical Storage/Handling and Floor Condition

Six (6) 1,550-gallon plastic tanks containing liquid fertilizer were observed placed on a concrete pad north of Building A. The totes are associated with PCA#22 – Fertilizer Manufacturing, Processing and Bulk Storage. The concrete pad was observed to be in poor condition with several cracks.

Building B is used as a maintenance shop and equipment storage shed. The north portion of the building is used as a shop area where various chemicals and tools typically employed for maintenance activities were identified. These maintenance chemicals including retail size packing of degreaser, exhaust fluid, cleaner, truck wash and wax, gear lube, synthetic oil, pump oil, engine oil, hydraulic. Some black staining was noted on the concrete floor within northeast portion of the shop area. The floor was not in great condition. Further, along the south wall of the shop, three drums of new hydraulic oil and several pails of lubricants were stored on a dirt floor. No staining was observed in this area.

5.2.12. Areas of Stained Soil, Pavement or Stressed Vegetation

Some black staining was noted on the concrete floor within northeast portion of the maintenance shop area of Building B. The concrete floor was not in great condition.

No other signs of stained soil, floor, or stressed vegetation were observed at the Site.

5.2.13. Fill and Debris

Fill can be used to re-grade a property and to backfill excavations. Based on the Site reconnaissance, no significant amounts of fill, such as large stockpiles, were observed. No PCAs were identified.

In the western portion of the Site, within Building E, an abandoned shed/storage structure with no exterior walls, general scattered surficial debris was observed, including concrete blocks, bricks, black plastic garbage bags, wood logs, and empty plastic jars. Additionally, some empty boxes were piled up within the Site. Empty chemical bottles and jars were also observed at Building B. No staining was observed, no PCAs were identified.

5.2.14. Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. Grain dust emissions from the grain elevator and vent sources of active air emissions were noted at the Site at 12933 Bramalea Road during the Site reconnaissance. No PCAs were identified.

5.2.15. Hazardous Building Materials and Designated Substances

5.2.15.1. Polychlorinated Biphenyls (PCBs)

The manufacture of Polychlorinated Biphenyls (PCBs) in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCB-containing equipment on the Site. Potential equipment, which could contain PCBs include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCBs must be disposed in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCBs is permissible.

A total of four (4) pole-mounted transformers were observed on Site. Three (3) pole-mounted transformers were identified west of Building B. One (1) pole-mounted transformer was identified west of Building D. The transformers appeared to be in good condition, free of rust or strains. No staining was identified on the surrounding grounds. The transformers are considered associated with PCA#55 – Transformer Manufacturing, Processing and Use.

5.2.15.2. Asbestos Containing Materials (ACMs)

Asbestos-containing materials (ACMs) are fibrous hydrated silicates and can be found in building materials. Friable asbestos refers to materials where the asbestos fibers can be separated from the material with which it is associated. The common use of potential friable ACMs (pipe/boiler insulation and fireproofing) in construction was discontinued in the mid-1970s.

As the site buildings were constructed circa 1960s to 1980s, there is potential for ACMs to be present in the Site buildings. Designated Substances Survey is recommended prior to demolition.

5.2.15.3. Ozone Depleting Substances (ODSs)

Production of chlorofluorocarbons (CFCs) often referred to as Freons, ceased in Canada in 1993 as a result of their ozone-depleting characteristics. Importation of CFCs into Canada ceased in 1997 and a total ban on their use is proposed for 2020. The use of these materials is still permitted in existing equipment; however, equipment must be serviced by a licensed contractor to ensure that CFCs are contained and not released to the environment during servicing or operation.

Apart of air conditioning units servicing houses along Old School Road (#5101, #5155), no potential ODS was identified at the Site.

5.2.15.4. Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinsplate and plumbing. The use of lead-based paints (LBPs) was phased out circa 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain high levels of lead. The main concern regarding LBP is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

As the site buildings were constructed circa 1960s to 1980s, there is potential for LBPs to be present in the site buildings. Designated Substances Survey is recommended prior to demolition.

5.2.15.5. Urea Formaldehyde Foam Insulation (UFFI)

Urea formaldehyde foam insulation (UFFI) is an insulation material that was formerly sprayed into cavities in walls and ceilings. UFFI was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and “cure” into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. Most installations occurred between 1977 and the further use of UFFI was banned in Canada in the 1980s.

As the site buildings were constructed circa 1960s to 1980s, there is potential for UFFIs to be present in the site buildings. Designated Substances Survey is recommended prior to demolition.

5.2.15.6. Mercury

Mercury was used in some batteries, light bulbs, paints, thermostats and related equipment. Mercury compounds were eliminated from indoor latex paints in 1991 through a voluntary manufacturer withdrawal.

As the site buildings were constructed circa 1960s to 1980s, there is potential for mercury-based compounds to be present in the Site buildings. Designated Substances Survey is recommended prior to demolition.

5.2.15.7. Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both, the indoor and outdoor environments. In order for mould to grow it requires a food source (i.e., gypsum wallboard, carpets, wallpaper, wood, etc.) and moist

conditions. Mould can have an impact on human health depending on the species and concentration of the mould. Health effects can include allergies and mucous membrane irritation.

No potential mould growth was observed in the visible areas of Site buildings during the Site reconnaissance.

5.2.15.8. Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for maximum acceptable level of radon gas of 200 becquerels per cubic metre (Bq/m³). Where radon gas is present and the annual radon concentration exceeds 200 Bq/m³ in the normal occupancy area, Health Canada recommends taking the necessary actions to reduce radon levels.

Typically, Radon is not a significant environmental concern in southern Ontario. Also, please note that Radon Assessment was not within our scope of work for this assessment.

5.3. Enhanced Investigation Property Observations

An Enhanced Investigation Property is “(i) a property used, or has ever been used, in whole or part, for an industrial purpose, or (ii) a commercial property used as a garage, a bulk liquid dispensing facility, including a gasoline outlet or for the operation of dry-cleaning equipment” (O.Reg.153/04).

Based on the records review, the Site is not classified as an Enhanced Investigation Property.

5.4. Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and surrounding properties was conducted from publicly accessible areas to identify the occupants; and to document any PCAs that may be contributing to an APEC at the Site.

Location of Adjoining Properties	Property Use
North	Agricultural/other use, Old School Road, 5069 Old School Road (residential)
South	Agricultural/other use, 12801 Bramalea Road (residential)
East	Agricultural/other use, Mayfield Golf Course (commercial)
West	Bramalea Road, Banty's Roost Golf Course (commercial)

Based on the visual inspection of adjacent and surrounding properties within the Phase One Study Area, the only identified Potentially Contaminating Activity (PCA) was the potential use of pesticides on the nearby golf course properties.

5.5. Written Description of Investigation

A reconnaissance of the Site was conducted by GEI to examine the Site. Free access was provided to the GEI for site reconnaissance. The Site was examined for evidence of utilities and related infrastructure; water wells; site drainage and related infrastructure; stained areas.

The reconnaissance included an examination of all properties within the Phase One Study Area from public access ways to document and characterize potential environmental concerns, water bodies and areas of natural significance. With the exception of southeast adjacent property and a property located northwest of the Site which were under commercial use as golf courses, all surrounding properties were generally under agricultural use.

6. Review and Evaluation of Information

6.1. Current and Past Uses

Based on the site reconnaissance and a review of available historical records, the Phase One Property has been and is currently used for a combination of commercial (grain storage), agricultural, and residential purposes. Although the majority of the Site is currently under agricultural use, the operation of commercial grain storage on behalf of third parties classifies the current use as Commercial.

The current and historical uses of the Phase One Property are therefore considered based on the most stringent land use designation—Commercial—among the commercial, agricultural, and residential uses identified. A summary of the historical ownership and use of the Phase One Property is provided in Table II at the end of this report.

6.2. Potentially Contaminating Activities (PCAs)

On-Site PCAs

Following PCAs were identified for the Site:

- **PCA 1:** PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications, due to the current and historical agricultural use.
- **PCA 2:** PCA #28 Gasoline and associated products storage in a fixed tank, due to presence of three (3) ASTs storing fuel oil for refueling farm equipment.
- **PCA 3:** PCA #28 Gasoline and associated products storage in a fixed tank, due to presence of one (1) AST storing waste oil.
- **PCA 4:** PCA #Other-Staining, due to presence of stained area on concrete floor inside the Maintenance shop – Building B.
- **PCA 5:** PCA #52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems, due to storage of hydraulic oil drums inside the Maintenance shop-Building B
- **PCA 6:** PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage, due to bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A
- **PCA 7:** PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage, due to bulk storage of granular/powder fertilizer inside Building A
- **PCA 8:** PCA #30 Importation of fill of unknown quality, within footprints of former farm buildings.
- **PCA 9:** PCA# 55 Transformer Manufacturing, Processing and Use, due to presence of pole mounted transformer located west of Building B

- **PCA 10:** PCA# 55 Transformer Manufacturing, Processing and Use, due to presence of pole mounted transformer located west of Building D.

Off-Site PCAs

Following PCAs were identified as associated with properties within the Phase One Study Area.

- **PCA 11:** PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications, due to the current and historical agricultural use. Associated with golf course property located across the Site, on west side of Bramalea Road.
- **PCA 12:** PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications, due to the current and historical agricultural use. Associated with golf course property located adjacent to the southeast portion of the Site.

Above listed On-Site and Off-Site PCAs are presented on Figure 2 and all PCAs are summarized in a tabulated format which is included as Table III at the end of the report.

6.3. Areas of Potential Environmental Concern (APECs)

Based on the review of on-site and off-site PCAs, APECs are identified for the Phase One Property due to various on-site PCAs. The following is a summary of Areas of Potential Environmental Concern identified at the Site.

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	COPCs	Media Potentially Impacted (Groundwater, soil and/or sediment)
Potential use of pesticides and fertilizers on farming lands (APEC 1)	Entire Phase One Property	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site (PCA 1)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, OCs	Soil
Presence of three (3) aboveground fuel oil tanks for		PCA #28 Gasoline and associated products	On-Site	Metals, BTEX, PHCs	Soil

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	COPCs	Media Potentially Impacted (Groundwater, soil and/or sediment)
refueling farm equipment (APEC 2)	Within Northwest quadrant - Phase One Property	storage in a fixed tank	(PCA 2)		
Presence of an aboveground old waste oil aboveground tank (APEC 3)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 3)	Metals, BTEX, PHCs	Soil
Stained area inside the Maintenance shop- Building B (APEC 4)	Within Northwest quadrant - Phase One Property	PCA #Other - Staining	On-Site (PCA 4)	Metals, VOCs, BTEX, PHCs, PAHs	Soil
Hydraulic oil drums and plastic pails storing lubricant placed inside the maintenance shop- Building B on bare ground. (APEC 5)	Within Northwest quadrant - Phase One Property	PCA#52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems	On-Site (PCA 5)	Metals, VOCs, BTEX, PHCs	Soil
Bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A (APEC 6)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 6)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, OCs	Soil
Bulk storage of granular/powder fertilizer inside Building A (APEC 7)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 7)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, OCs	Soil

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	COPCs	Media Potentially Impacted (Groundwater, soil and/or sediment)
Potential fill associated within former farm buildings footprints (APEC 8)	Within Northwest quadrant - Phase One Property	PCA #30 Importation of fill of unknown quality	On-Site (PCA 8)	Metals, hexavalent chromium, mercury, arsenic, antimony, selenium, cyanide, boron (HWS), PAHs	Soil
Presence of pole mounted transformer located west of Building B (APEC 9)	Within Northwest quadrant - Phase One Property	PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 9)	BTEX, PHCs and PCBs	Soil
Presence of pole mounted transformer located west of Building D (APEC 10)	Within Northwest quadrant - Phase One Property	PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 10)	BTEX, PHCs and PCBs	Soil

6.4. Phase One ESA Conceptual Site Model

This section presents the Phase One Conceptual Site Model (CSM) providing a narrative, graphical and tabulated description integrating information related to the Site geologic and hydrogeologic conditions, areas of potential environmental concern/potential contaminating activities, and the presence and distribution of potential contaminants of concern. These components are discussed in the following sections.

6.4.1. Phase One Property Information

The Site is located at the southeast corner of Bramalea Road and Old School Road in Caledon, Peel Region, Ontario, as shown on Figure 1.

The Site is irregular in shape and encompasses approximately 178 acres (72 hectares) in total area. It is currently under a combination of commercial (grain storage), agricultural, and residential uses. A large portion of the Site consists of undeveloped agricultural fields, along with several farm-related buildings

and a cluster of grain storage silos located in the western portion of the property. These silos are used for commercial grain storage on behalf of third parties. The northern portion of the Site is developed with three (3) residential dwellings fronting onto Old School Road.

Two waterbodies are present on the Site- one located in the northwestern portion and the other in the northeasternmost area. A recent Local Subwatershed Study completed by GEI for the Site and surrounding properties identified two Natural Heritage Systems (NHS) traversing the Site, each associated with one of these waterbodies.

The Site slopes overall downward from west to east and also from northwest to southeast. There is an elevation change of approximately 8.0 m from the northwest to the northeast portion of the Site, and a more significant grade change of approximately 18 m from the northwest corner to the southeast corner.

The Phase One Property Information is further summarized in Table 1-1.

Table 6-1. Phase One Property Information

Site Details	
Municipal Addresses	• 12933 Bramalea Road, Caledon East • 5089 Old School Road, Caledon East • 5101 Old School Road, Caledon East • 5155 Old School Road, Caledon East
Current Owner	TACC Developments (Armstrong) LTD.
Owner Address	600 Applewood Crescent, Vaughan, Ontario L4K 4R1
Owner Contact Person	Mr. Christopher Sivry, Development Counsel
Legal Description	Part Lot 21 and 22, Concession 5, East of Hurontario Street, (Geographic Township of Chinguacousy), Town of Caledon, Region Municipality of Peel
Property Identification Number (PIN)	14347-0377 (LT) 14347-0378 (LT) 14347-0379 (LT) 14347-0380 (LT)
Property Size	178 acres (72 hectares)
Approximate Universal Transverse Mercator (UTM) coordinates	Zone: 17 Easting: 596426 m Northing: 4849206 m (1m, NAD83, Google Earth Pro)

The Site is surrounded by agricultural lands, scattered residential properties, and golf courses. The Site is bounded by Old School Road to the north, with farmlands beyond; Bramalea Road to the west, followed

by a golf course; farmland and another golf course to the east; and farmland to the south. The surrounding properties use is shown in Figure 2.

6.4.2. *Geological and Hydrogeological Conditions*

The Site slopes overall downward from west to east and also from northwest to southeast. There is an elevation change of approximately 8.0 m from the northwest to the northeast portion of the Site, and a more significant grade change of approximately 18 m from the northwest corner to the southeast corner.

The surficial geology of the Site is defined as Clay to silt-textured till (derived from glaciolacustrine deposits or shale). The physiography of the Site is characterized as a till plain (drumlinized), within the physiographic region of the South Slope. The bedrock in the general area of the Site consists of Shale, limestone, dolostone, siltstone, and is part of the Queenston Formation. Based on the information gathered from MECP well records, the depth to bedrock is anticipated to be 30 -35 m.

Two waterbodies are present on the Site—one located in the northwestern portion and the other in the northeasternmost area. Additionally, four (4) headwater drainage features are situated in the central to southeastern portion of the Site. These two waterbodies are tributaries of the West Humber River. The Site is located approximately 11 km from the main channel of the West Humber River and about 32 km from the nearest shoreline of Lake Ontario. Overall, groundwater is interpreted to flow in a southeasterly direction, with localized variations influenced by topographic lows, drainage features, on site waterbodies and nearby watercourses.

Based on a review of available resources from the Ministry of Natural Resources and Forestry (MNRF) as of May 20, 2025, no provincially mapped wetlands or Areas of Natural and Scientific Interest (ANSI) were identified on the Site. However, a recent Local Subwatershed Study completed by GEI for the Site and surrounding properties identified two (2) wetlands currently located on the Site. One wetland, situated in the northwestern portion of the Site and forming part of the identified Natural Heritage System (NHS), is considered non-significant. The second wetland, located in the northeastern portion of the Site and also part of the NHS, is considered a candidate for designation as a significant wetland.

6.4.3. *Underground Utilities*

The Site is not connected to enbridge gas, municipal service for water and wastewater utilities. The hydro connection is via overhead lines.

6.4.4. *Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs)*

On-Site PCAs

Following PCAs were identified for the Site:

- **PCA 1:** PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications, due to the current and historical agricultural use.
- **PCA 2:** PCA #28 Gasoline and associated products storage in a fixed tank, due to presence of three (3) ASTs storing fuel oil for refueling farm equipment.
- **PCA 3:** PCA #28 Gasoline and associated products storage in a fixed tank, due to presence of one (1) AST storing waste oil.
- **PCA 4:** PCA #Other-Staining, due to presence of stained area on concrete floor inside the Maintenance shop – Building B.
- **PCA 5:** PCA #52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems, due to storage of hydraulic oil drums inside the Maintenance shop-Building B
- **PCA 6:** PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage, due to bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A
- **PCA 7:** PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage, due to bulk storage of granular/powder fertilizer inside Building A
- **PCA 8:** PCA #30 Importation of fill of unknown quality, within footprints of former farm buildings.
- **PCA 9:** PCA# 55 Transformer Manufacturing, Processing and Use, due to presence of pole mounted transformer located west of Building B
- **PCA 10:** PCA# 55 Transformer Manufacturing, Processing and Use, due to presence of pole mounted transformer located west of Building D.

Off-Site PCAs

Following PCAs were identified as associated with properties within the Phase One Study Area.

- **PCA 11:** PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications, due to the current and historical agricultural use. Associated with golf course property located across the Site, on west side of Bramalea Road.
- **PCA 12:** PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications, due to the current and historical agricultural use. Associated with golf course property located adjacent to the southeast portion of the Site.

Above listed On -Site and Off-Site PCAs are presented on Figure 2.

Based on the review of on-site and off-site PCAs, APECs are identified for the Phase One Property due to various on-site PCAs. The two offsite PCAs 11 and 12, both associated with #40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications were not identified as contributing APECs. OC pesticides are generally considered to have low

mobility in soil and groundwater due to their strong sorption to soil particles and low water solubility. As such, the potential near-surface application of OC pesticides on surrounding golf course properties is not considered to represent an APEC to the Site.

The following is a summary of Areas of Potential Environmental Concern identified at the Site.

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	COPCs	Media Potentially Impacted (Groundwater, soil and/or sediment)
Potential use of pesticides and fertilizers on farming lands (APEC 1)	Entire Phase One Property	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site (PCA 1)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCs	Soil
Presence of three (3) aboveground fuel oil tanks for refueling farm equipment (APEC 2)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 2)	Metals, BTEX, PHCs	Soil
Presence of an aboveground old waste oil aboveground tank (APEC 3)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 3)	Metals, BTEX, PHCs	Soil
Stained area inside the maintenance shop- Building B (APEC 4)	Within Northwest quadrant - Phase One Property	PCA #Other - Staining	On-Site (PCA 4)	Metals, VOCs, BTEX, PHCs, PAHs	Soil
Hydraulic oil drums and plastic pails storing lubricant placed inside the maintenance shop-	Within Northwest quadrant - Phase One Property	PCA#52 Storage, maintenance, fueling and repair of equipment, vehicles, and	On-Site (PCA 5)	Metals, VOCs, BTEX, PHCs	Soil

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (On-Site or Off-Site)	COPCs	Media Potentially Impacted (Groundwater, soil and/or sediment)
Building B on bare ground. (APEC 5)		materials used to maintain transportation systems			
Bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A (APEC 6)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 6)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCS	Soil
Bulk storage of granular/powder fertilizer inside Building A (APEC 7)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 7)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCS	Soil
Potential fill associated within former farm buildings footprints (APEC 8)	Within Northwest quadrant - Phase One Property	PCA #30 Importation of fill of unknown quality	On-Site (PCA 8)	Metals, hexavalent chromium, mercury, arsenic, antimony, selenium, cyanide, boron (HWS), PAHs	Soil
Presence of pole mounted transformer located west of Building B (APEC 9)	Within Northwest quadrant - Phase One Property	PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 9)	BTEX, PHCs and PCBs	Soil
Presence of pole mounted transformer located west of Building D (APEC 10)	Within Northwest quadrant - Phase One Property	PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 10)	BTEX, PHCs and PCBs	Soil

7. Conclusions

Based on the findings and conclusions of Phase One ESA, a Phase Two ESA would be required to assess various APECs identified at the Site.

7.1. Closure

This Phase One ESA was conducted in accordance with O.Reg.153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, GEI makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Appendix A.

We trust this report is sufficient for your present purposes. Should you have any questions concerning the above, or can be of any further assistance, please do not hesitate to contact GEI.

8. References

1. Town of Caledon. (2025. Accessed online at: <https://maps.caledon.ca>)
2. Environmental Risk Information Services (ERIS). (2025) ERIS Database Report— 12933 Bramalea Road (TACC). ERIS, February 3, 2025.
3. Environmental Protection Act, Ontario Regulation 153/04, as amended, Records of Site Condition, November 2024.
4. Ontario Ministry of Natural Resources and Forestry. 2022. Accessed at: [Areas of Natural and Scientific Interest \(ANSI\) | Areas of Natural and Scientific Interest \(ANSI\) | Ontario GeoHub \(gov.on.ca\)](#)
5. Ontario Ministry of Natural Resources and Forestry. 2024. Accessed online at: [Areas of Natural and Scientific Interest \(ANSI\) | Ontario GeoHub](#)
6. Oil, Gas & Salt Resources Library. (2014) Petroleum Well, Petroleum Pool, Seismic and Fault Map of Ontario [map interface]. Accessed online at: <http://maps.ogsrlibrary.com>
7. Ontario Ministry of Environment, Conservation and Parks, Map: Well Records, 2018. Accessed online at: <https://www.ontario.ca/environment-and-energy/map-well-records>
8. Ontario Ministry of Energy, Northern Development and Mines website, Bedrock Geology of Ontario, 2011 – MRD 126; and Paleozoic Geology of Southern Ontario, 2007 – MRD 219 (KML format)
9. Ontario Ministry of Energy, Northern Development and Mines website, Physiography of Southern Ontario, 2007 (KML format)
10. Ontario Ministry of Energy, Northern Development and Mines website, Surficial Geology of Southern Ontario, 2010 (KML format)
11. Ontario Ministry of the Environment (2023) Access Environment – environmental approvals and registrations. Accessed online at: [Access Environment – environmental approvals and registrations | ontario.ca](#)
12. Ontario Ministry of the Environment (2020) Records of Site Condition. Accessed online at: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search.
13. Topographic Map available at the Natural Resources Canada (NRC) website. Accessed online at <http://atlas.gc.ca/toporama/en/>

Tables

Table I. Site Environmental Setting Data

Table II. Current and Past Land Uses

Table III. Potentially Contaminating Activities (PCAs)

Table IV. Areas of Potential Environmental Concern (APECs)

TABLE I: SITE ENVIRONMENTAL SETTING DATA			
Bramalea Road and Old School Road			
Caledon, Peel Region, Ontario			
NATIVE SOIL AND BEDROCK			
Type	Clay to silt-textured till (from geological maps)		
Hydraulic Conductivity	Unknown		
Percent Sand	Unknown		
Depth to Bedrock	~30 - 35 m based on MECP well record info		
Bedrock Type	Shale, limestone, dolostone, siltstone, and is part of the Queenston Formation (from geological maps)		
GROUND WATER			
Depth to Water Table	-0.7 to 12.2 m bgs (Artesian condition noted in some deeper wells installed at site based on Hydrogeological Report in being prepared in conjunction with Phase One ESA)		
Estimated or Measured	Estimated		
Direction of Flow	southeast		
Estimated or Measured	Estimated		
POTABLE WATER AND SEWERS			
Potable Water Source	Private water supply well		
Municipal Water Source	Likely Groundwater		
Distance to Nearest Municipal Water Well	Unknown		
Distance to Nearest Private Water Well	0 m (on-site)		
Sanitary Sewage System	No service from Regional Municipality of Peel		
Storm Water System	No service from Regional Municipality of Peel		
SURFACE WATER			
Name of Nearest Water Body	Tributary to West Humber River	West Humber River	
Distance from Site	On site	11 km	
Elevation Drop from Site	-	-	
Direct Drainage from Site	Yes	No	
GEI Consultants Canada Ltd.		Project No.: 2407688	

TABLE II: TABLE OF CURRENT AND PAST LAND USES OF THE SITE (Refer to clause 16(2)(b), Schedule D, O.Reg.153/04) Bramalea Road and Old School Road Caledon, Peel Region, Ontario				
Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
PIN 14347-0377 From the time of Crown ownership until approximately 1950, this PIN was associated with three distinct land parcels, each of which was individually sold and purchased. In or around 1950, the parcels were consolidated into a single, larger property, and have since been sold and transferred as one unified parcel. The historical ownership is presented in three separate chains—Chain A, B, and C—corresponding to the respective ownership of each parcel prior to consolidation. Following amalgamation, the property has remained under a single chain of ownership, as outlined below."				
Chain A- Northern Land Parcel (Part of Current PIN 14347-0377)				
Prior to 1831	The Crown	Inferred Undeveloped.	Agricultural or other use	No FIP or aerial photograph etc. available.
1831 to 1843	Canada Company	Inferred Undeveloped.	Agricultural or other use	
1843 to 1854	Peter Hannan	Inferred Undeveloped.	Agricultural or other use	
1854 to 1855	Dennis Fighe	Inferred Undeveloped.	Agricultural or other use	

1855 to 1860	Thomas Fighe	Inferred Undeveloped.	Agricultural or other use	
1860 to 1880	Dennis Fighe	Inferred Undeveloped.	Agricultural or other use	
1880 to 1905	Thomas Little	Inferred Undeveloped.	Agricultural or other use	
1905 to 1912	John C. Little	Inferred Undeveloped.	Agricultural or other use	
1912 to 1950	John R. Armstrong	Inferred Undeveloped.	Agricultural or other use	
Chain B- Easternmost Land Parcel (Part of Current PIN 14347-0377)				
Prior to 1831	The Crown	Inferred Undeveloped.	Agricultural or other use	No FIP or aerial photograph etc. available.
1831 to 1835	Canada Company	Inferred Undeveloped.	Agricultural or other use	
1835 to 1841	Samuel Henderson	Inferred Undeveloped.	Agricultural or other use	
1841 to 1850	William Topham	Inferred Undeveloped.	Agricultural or other use	
1850 to 1851	Noah Chant	Inferred Undeveloped.	Agricultural or other use	

1851 to 1861	William Little	Inferred Undeveloped.	Agricultural or other use	
1861 to 1921	Irwin H. Little	Inferred Undeveloped.	Agricultural or other use	
1921 to 1950	John R. Armstrong	Inferred Undeveloped.	Agricultural or other use	
Chain C- Southernmost Land Parcel (Part of Current PIN 14347-0377)				
Prior to 1822	The Crown	Inferred Undeveloped.	Agricultural or other use	
1822 - 1825	Hannah Ferris	Inferred Undeveloped.	Agricultural or other use	
1825 - 1835	John Brown	Inferred Undeveloped.	Agricultural or other use	
1835 - 1880	James Robson	Inferred Undeveloped.	Agricultural or other use	
1880 - 1888	John Laidlaw	Inferred Undeveloped.	Agricultural or other use	
1888 - 1902	William Laidlaw	Inferred Undeveloped.	Agricultural or other use	
1902 - 1908	Matthew Laidlaw	Inferred Undeveloped.	Agricultural or other use	

1908 - 1913	Dennis F. Doyle	Inferred Undeveloped	Agricultural or other use	
1913 - 1947	Lawrence L. Doyle	Inferred Undeveloped	Agricultural or other use	
1947 - 1950	Nelson Hewson	Inferred Undeveloped	Agricultural or other use	
Following amalgamation, the property became under a single chain of ownership, as outlined below (Current PIN 14347-0377)				
1950 to 2011	Neil C. Armstrong	Majority of the Site undeveloped farmland except some farm buildings and cluster of silos within northwest portion and three residential dwellings along north property line	Commercial use	Based on our review of available historical records, the Site has been historically used for agricultural purposes. In the 1954 aerial photograph, the Site is shown as farm fields with a barn, visible in the northwest portion of the Site. By the 1960s, a residential dwelling had been constructed fronting onto Old School Road; this corresponds to the current house located at 5089 Old School Road. In the late 1970s, commercial farming operations were initiated, as evidenced by the addition of three grain storage silos. Around the same time, a building was constructed to the north of the
2011 to 2011	Muriel E. Armstrong			
2011 to 2021	Muriel E. Armstrong Gordon Armstrong Catherine Armstrong Elizabeth G. Armstrong			
2021 - 2022	2600809 Ontario Inc.			
2022 to Current	TACC DEVELOPMENTS (ARMSTRONG) LTD.	Majority of the Site undeveloped farmland except some farm buildings and cluster of silos within northwest	Commercial use	

		portion and three residential dwellings along north property line		silos, which currently serves as the maintenance shop. In the late 1980s, additional development occurred with the construction of two more silos and the current office building located west of the silos cluster. During the same period, two more residential dwellings were added along the northern portion of the Site, also fronting onto Old School Road. By the late 1990s, the commercial grain storage and farming business appeared to have expanded further, with the addition of a few more silos. The Site has continued to be utilized for a combination of commercial (grain storage), agricultural, and residential purposes to the present day. Currently, the tenant/farmer occupying the Site—who is also the previous owner—continues to operate the commercial grain storage and farming business. The
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				residential dwellings on the Site are occupied by residential tenants.
PIN 14347-0380, 14347-0379, 14347-0378 (three small vacant parcels within northeast corner, along Old School Road)				
Prior to 1831	The Crown	Inferred Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1954.
1831 to 1843	Canada Company	Inferred Undeveloped	Agricultural or other use	
1843 to 1854	Peter Hannan	Inferred Undeveloped	Agricultural or other use	
1854 to 1855	Dennis Fighe	Inferred Undeveloped	Agricultural or other use	
1855 to 1860	Thomas Fighe	Inferred Undeveloped	Agricultural or other use	
1860 to 1880	Dennis Fighe	Inferred Undeveloped	Agricultural or other use	
1880 to 1905	Thomas Little	Inferred Undeveloped	Agricultural or other use	
1905 to 1912	John C. Little	Inferred Undeveloped	Agricultural or other use	
1912 to 1950	John R. Armstrong	Inferred Undeveloped	Agricultural or other use	

1950 to 1987	Neil C. Armstrong	Vacant Farmland, Undeveloped	Agricultural or other use	Based on reviewed aerial photographs from 1954 to 2022, remained part of vacant farmland and was never developed.
1987 to 2022	Muriel E. Armstrong 2600809 Ontario Inc.	Vacant Farmland, Undeveloped	Agricultural or other use	
2022 to Current	TACC DEVELOPMENTS (ARMSTRONG) LTD.	Vacant Farmland, Undeveloped	Agricultural or other use	

Table III: POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

Bramalea Road and Old School Road
Caledon, Peel Region, Ontario

PCA Identifier	Address	Location of Activity (In relation to Site)	Potentially Contaminating Activity (PCA)	Description of PCA	Contribution to APEC at the Site
1.	12933 Bramalea Road, Caledon	On-Site	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Potential use of pesticides and fertilizers on farming lands prior to 1950s	Yes On-Site PCA
2.	12933 Bramalea Road, Caledon	On-Site	PCA #28 Gasoline and associated products storage in a fixed tank	Presence of three (3) ASTs for refueling farm equipment - one (1) 1,350 L AST storing gasoline, one (1) 2,200 L AST storing diesel and one (1) 4,500 L AST storing dyed diesel. These metal tanks were placed adjacent to each other directly on bare soil, without secondary containment. The ASTs appeared to be in good condition, and no staining or evidence of leakage was observed in their vicinity.	Yes On-Site PCA
3.	12933 Bramalea Road, Caledon	On-Site	PCA #28 Gasoline and associated products storage in a fixed tank	One (1) AST storing waste oil was identified along the north wall of Building B at 12933 Bramalea Road. This AST appeared to be very old and showed signs of rusting;	Yes On-Site PCA

				however, no staining or signs of leakage were observed in the surrounding area	
4.	12933 Bramalea Road, Caledon	On-Site	PCA # Other Staining	During Site Visit, staining was observed on the concrete floor inside Building B - maintenance shop area, at the northeast corner. The floor was not in great condition.	Yes On-Site PCA
5.	12933 Bramalea Road, Caledon	On-Site	PCA#52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems	Three (3) hydraulic oil drums and several plastic pails storing lubricant oil was storage inside the Building B, placed on bare ground. No staining was observed in this area.	Yes On-Site PCA
6.	12933 Bramalea Road, Caledon	On-Site	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	Six (6) 1,550-gallon plastic tanks containing liquid fertilizer were observed placed on a concrete pad north of Building A. The concrete pad was observed to be in poor condition with several cracks.	Yes On-Site PCA
7.	12933 Bramalea Road, Caledon	On-Site	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	Bulk storage of granular/powder fertilizer was noted inside Building A. The concrete floor was observed to be in good condition.	Yes On-Site PCA
8.	12933 Bramalea Road, Caledon	On-Site	PCA #30 Importation of fill of unknown quality	Potential fill associated within former farm building footprints	Yes On-Site PCA
9.	12933 Bramalea Road, Caledon	On-Site	PCA# 55	Presence of pole mounted transformer located west of	Yes

			Transformer Manufacturing, Processing and Use	Building B. No staining or stressed vegetation was noted on ground in the vicinity of the pole.	On-Site PCA
10.	12933 Bramalea Road, Caledon	On-Site	PCA# 55 Transformer Manufacturing, Processing and Use	Presence of pole mounted transformer located west of Building D. No staining or stressed vegetation was noted on ground in the vicinity of the pole.	Yes On-Site PCA
11.	4901-4907 Old School Road, Caledon	Off-Site	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Potential use of pesticides on surrounding golf course property.	No Pesticides are generally considered to have low mobility in soil and groundwater due to their strong sorption to soil particles and low water solubility. As such, the potential near-surface application of OC pesticides on surrounding golf course properties is not considered to represent an APEC to the Site.

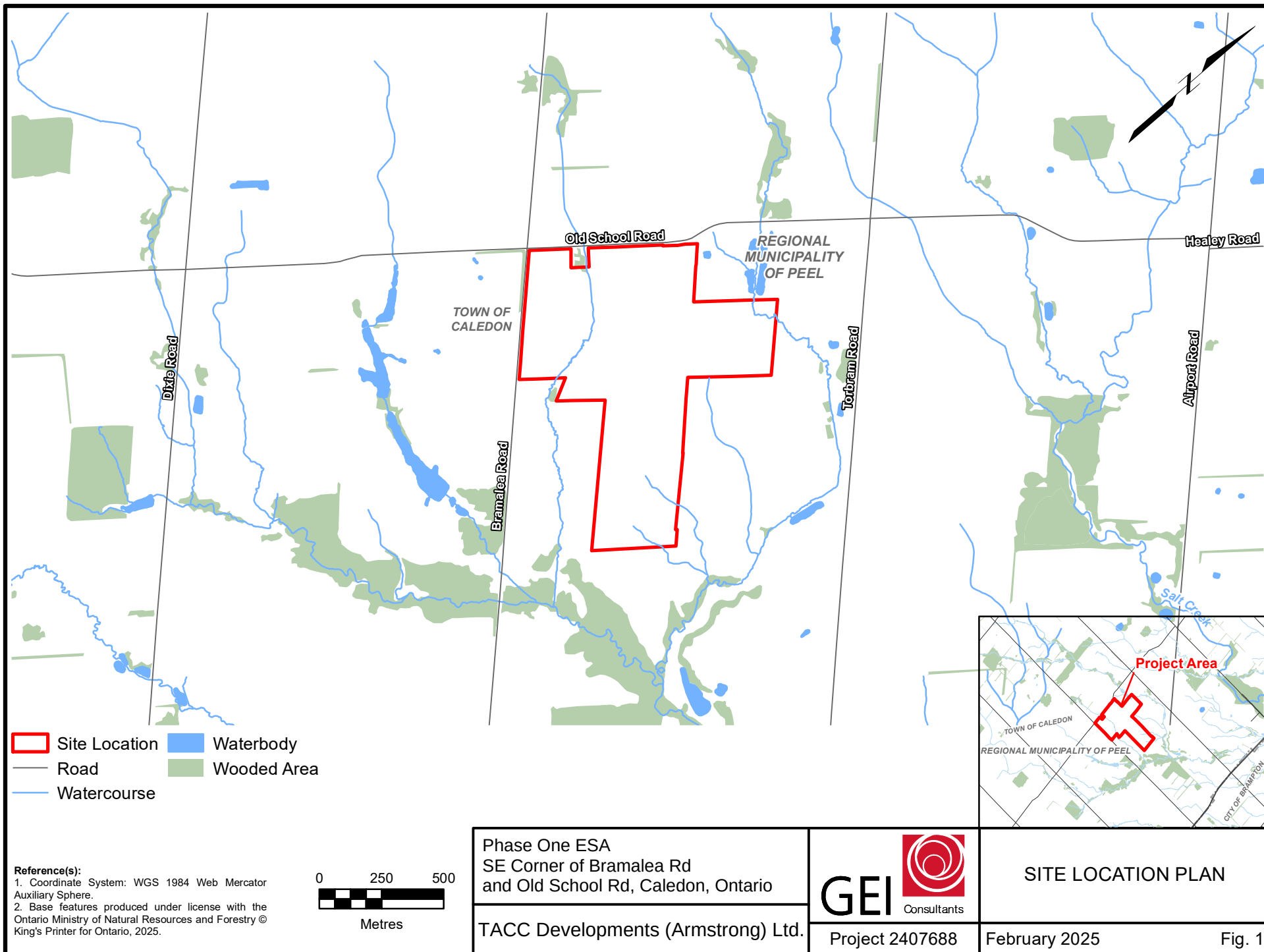
12.	12552 Bramalea Road, Caledon	Off-Site	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Potential use of pesticides on surrounding golf course property.	No Pesticides are generally considered to have low mobility in soil and groundwater due to their strong sorption to soil particles and low water solubility. As such, the potential near-surface application of OC pesticides on surrounding golf course properties is not considered to represent an APEC to the Site.
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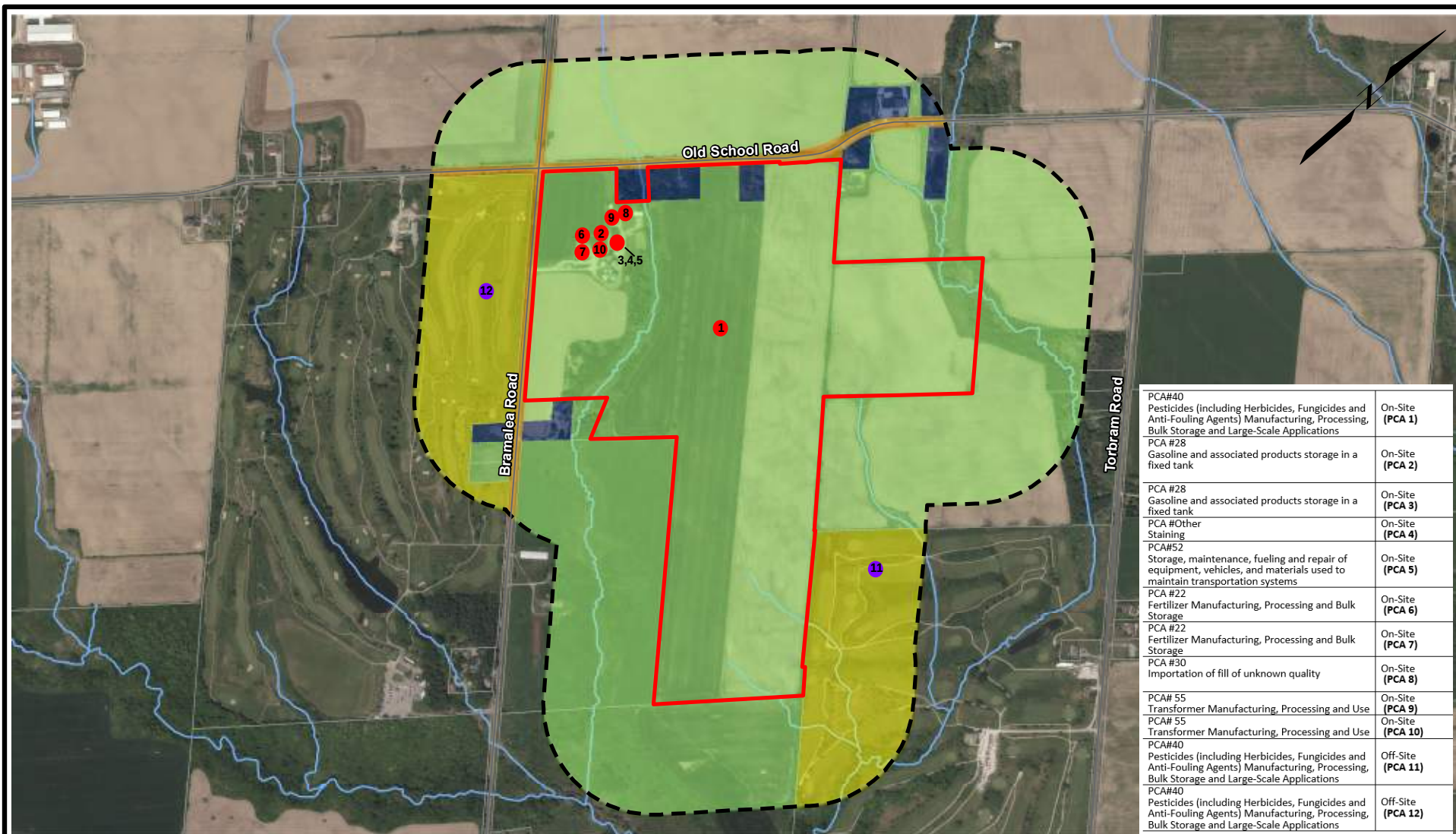
TABLE IV: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs) (Refer to clause 16(2)(b), Schedule D, O.Reg.153/04) Bramalea Road and Old School Road, Caledon, Peel Region, Ontario					
Area of Potential Environmental Concern (APEC)¹	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)²	Location of PCA (On-Site or Off-Site)²	Potential Contaminants of Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
Potential use of pesticides and fertilizers on farming lands (APEC 1)	Entire Phase One Property	PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site (PCA 1)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCs	Soil
Presence of three (3) aboveground fuel oil tanks for refueling farm equipment (APEC 2)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 2)	Metals, BTEX, PHCs	Soil
Presence of an aboveground old waste oil aboveground tank (APEC 3)	Within Northwest quadrant - Phase One Property	PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 3)	Metals, BTEX, PHCs	Soil
Stained area inside the Maintenance shop- Building B (APEC 4)	Within Northwest quadrant - Phase One Property	PCA #Other - Staining	On-Site (PCA 4)	Metals, VOCs, BTEX, PHCs, PAHs	Soil

Hydraulic oil drums and plastic pails storing lubricant placed inside the Maintenance shop-Building B on bare ground. (APEC 5)	Within Northwest quadrant - Phase One Property	PCA#52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems	On-Site (PCA 5)	Metals, VOCs, BTEX, PHCs	Soil
Bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A (APEC 6)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 6)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCs	Soil
Bulk storage of granular/powder fertilizer inside Building A (APEC 7)	Within Northwest quadrant - Phase One Property	PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 7)	Metals, arsenic, antimony, selenium, hexavalent chromium, mercury, cyanide, boron (HWS), OCs	Soil
Potential fill associated within former farm buildings footprints (APEC 8)	Within Northwest quadrant - Phase One Property	PCA #30 Importation of fill of unknown quality	On-Site (PCA 8)	Metals, hexavalent chromium, mercury, arsenic, antimony, selenium, cyanide, boron (HWS), PAHs	Soil
Presence of pole mounted transformer	Within Northwest quadrant -	PCA# 55 Transformer Manufacturing,	On-Site	BTEX, PHCs and PCBs	Soil

located west of Building B (APEC 9)	Phase One Property	Processing and Use	(PCA 9)		
Presence of pole mounted transformer located west of Building D (APEC 10)	Within Northwest quadrant - Phase One Property	PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 10)	BTEX, PHCs and PCBs	Soil
GEI Consultants Canada Ltd.					2407688

Figures





PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site (PCA 1)
PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 2)
PCA #28 Gasoline and associated products storage in a fixed tank	On-Site (PCA 3)
PCA #Other Staining	On-Site (PCA 4)
PCA#52 Storage, maintenance, fueling and repair of equipment, vehicles, and materials used to maintain transportation systems	On-Site (PCA 5)
PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 6)
PCA #22 Fertilizer Manufacturing, Processing and Bulk Storage	On-Site (PCA 7)
PCA #30 Importation of fill of unknown quality	On-Site (PCA 8)
PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 9)
PCA# 55 Transformer Manufacturing, Processing and Use	On-Site (PCA 10)
PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site (PCA 11)
PCA#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site (PCA 12)

- Site Location

Watercourse

Commercial Land Use

PCA Contributing to APEC
- Study Area

Parcels

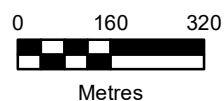
Community Land Use

PCA NOT Contributing to APEC
- Road

Agricultural Land Use

Residential Land Use

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © King's Printer for Ontario, 2025.
 3. Orthoimagery via Town of Caledon, 2025. Imagery taken in 2024.



Phase One ESA
 SE Corner of Bramalea Rd
 and Old School Rd, Caledon, Ontario

TACC Developments (Armstrong) Ltd.

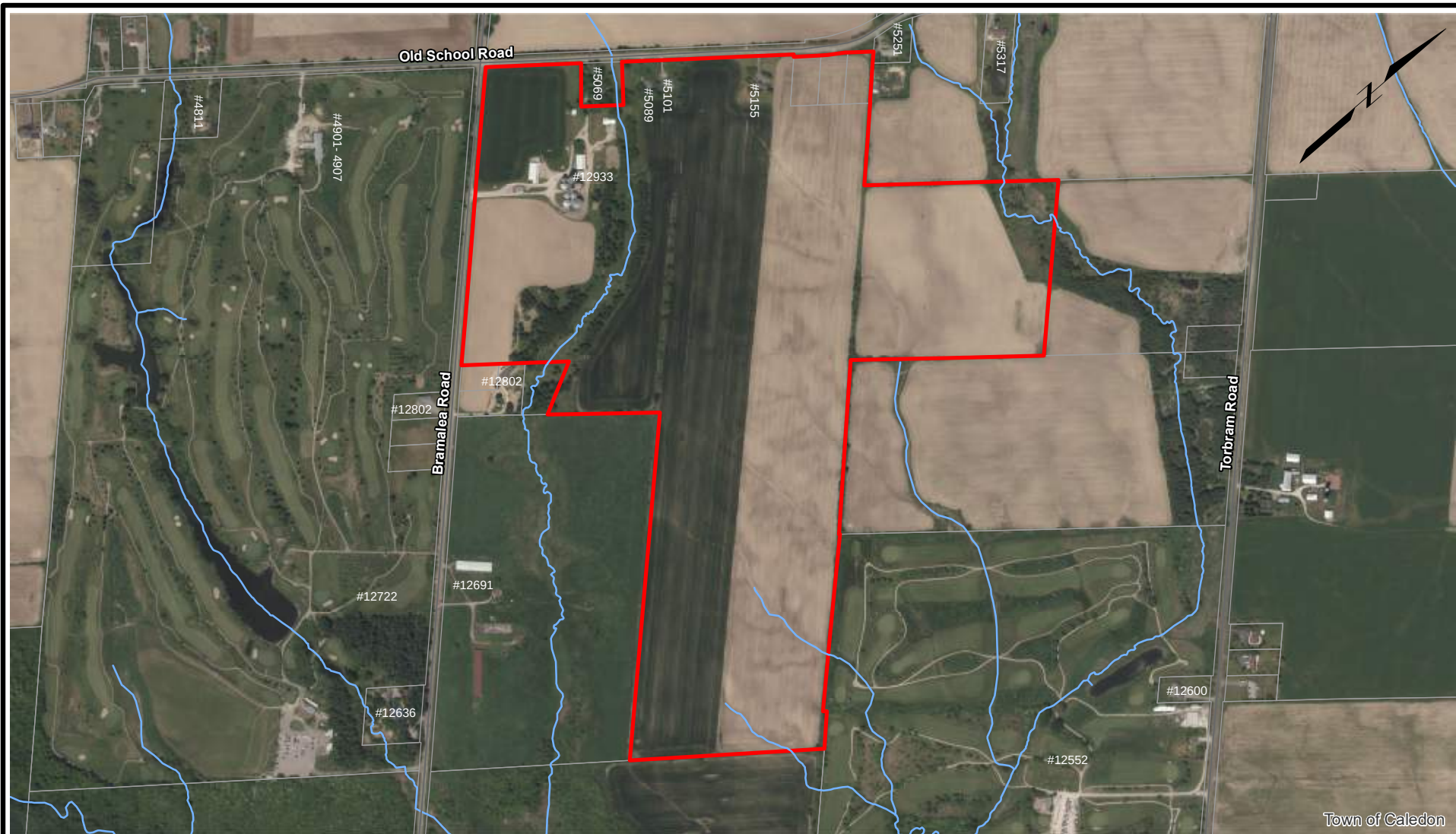


Project 2407688

PHASE ONE STUDY AREA
 AND POTENTIALLY
 CONTAMINATING ACTIVITIES
 (PCAs)

March 2025

Fig. 2



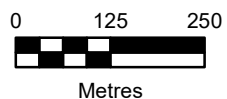
Site Location
 Parcels

Road

Watercourse

Reference(s):

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3. Orthoimagery via Town of Caledon, 2025. Imagery taken in 2024.



Phase One ESA
SE Corner of Bramalea Rd
and Old School Rd, Caledon, Ontario

TACC Developments (Armstrong) Ltd.

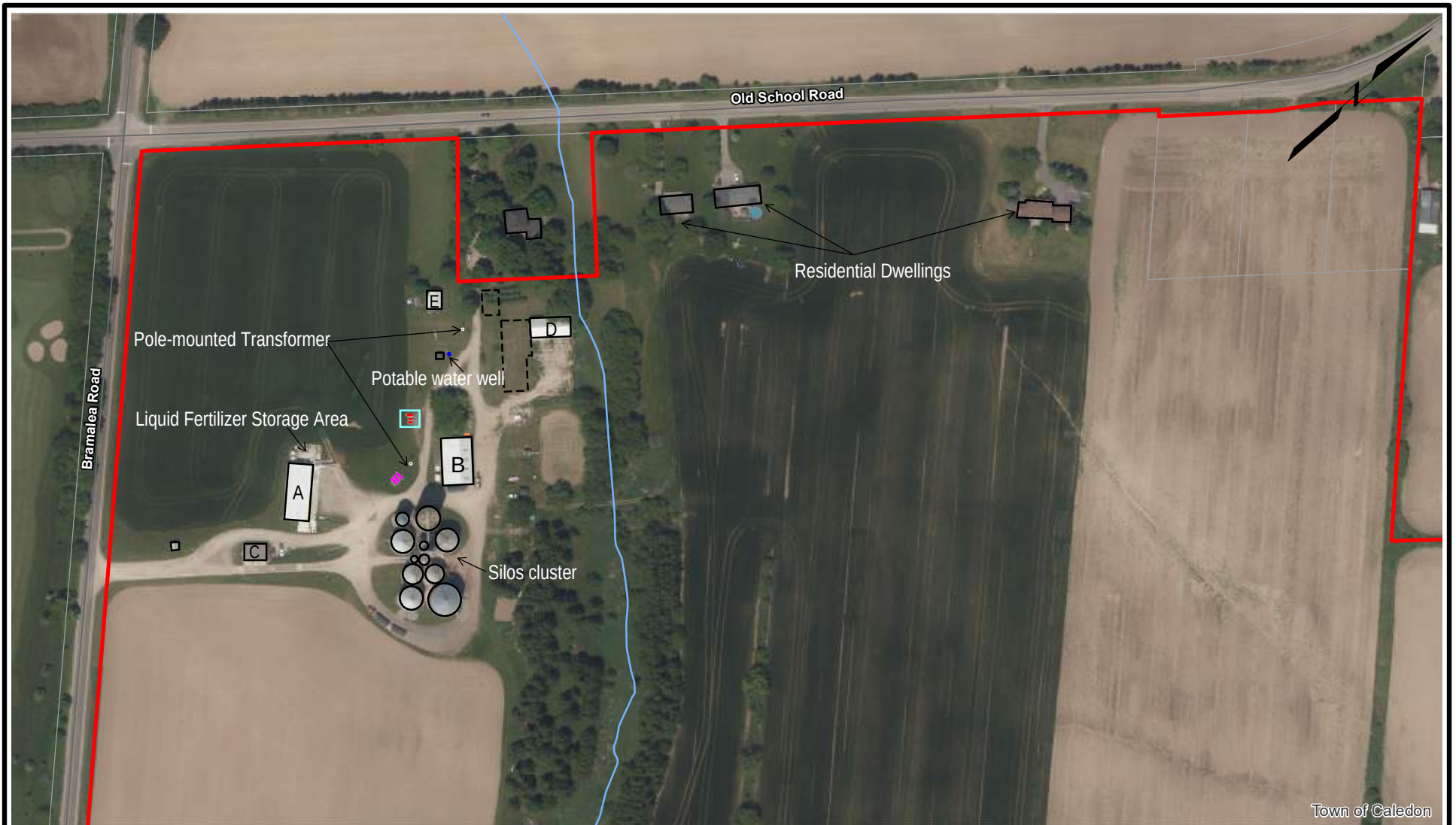


Project 2407688

SITE PLAN

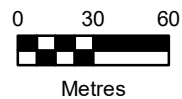
March 2025

Fig. 3



- | | | |
|--|--|---|
| Site Location | Parcels | Fuel Oil AST |
| Road | Former Buildings | Waste Oil AST |
| Watercourse | Existing Buildings | Propane Tank |
| | Silos for grain storage | |

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © King's Printer for Ontario, 2025.
 3. Orthoimagery via Town of Caledon, 2025. Imagery taken in 2024.



Phase One ESA
 SE Corner of Bramalea Rd
 and Old School Rd, Caledon, Ontario

TACC Developments (Armstrong) Ltd.

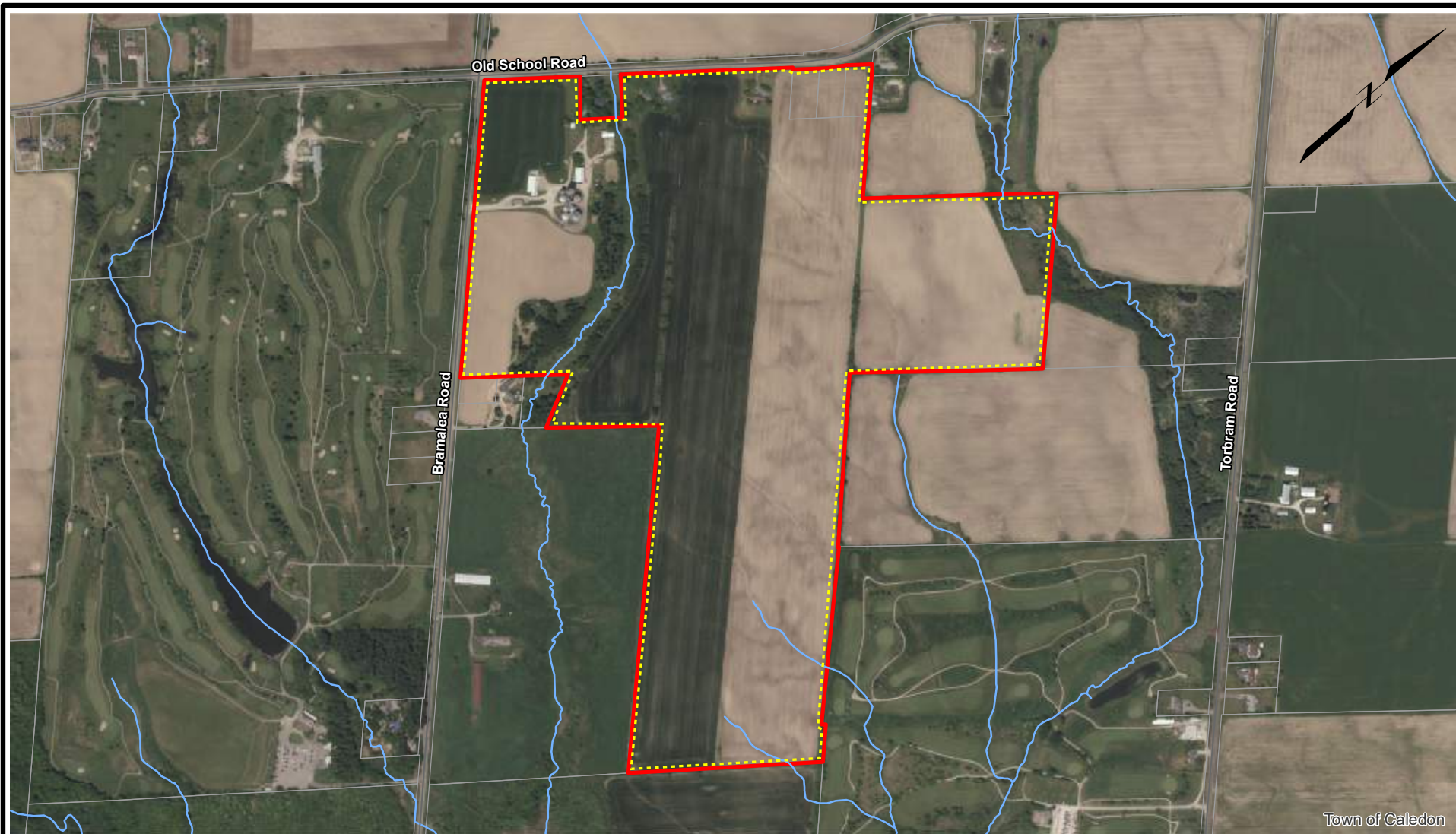


Project 2407688

SITE PLAN

March 2025

Fig. 3A



Site Location
 Parcels

Road

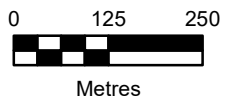
Watercourse

APEC 1

Only APEC 1 is shown here, for remaining APECs- APEC 1 to APEC10, please refer to Figure 4A

Reference(s):

1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.
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3. Orthoimagery via Town of Caledon, 2025. Imagery taken in 2024.



Phase One ESA
SE Corner of Bramalea Rd
and Old School Rd, Caledon, Ontario

TACC Developments (Armstrong) Ltd.

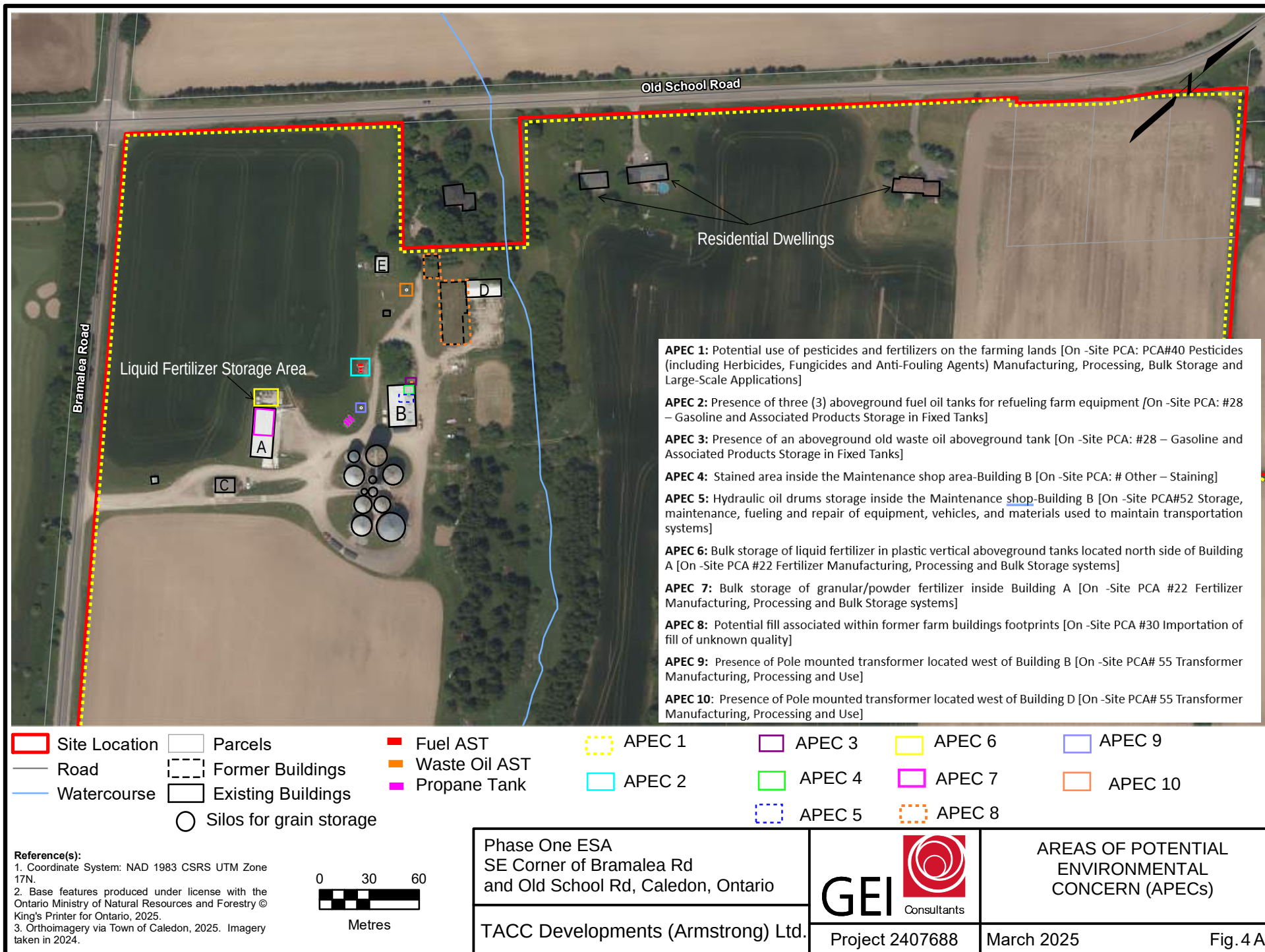


Project 2407688

AREAS OF POTENTIAL
ENVIRONMENTAL
CONCERN (APECs)

March 2025

Fig. 4



Appendix A Limitation of Liability, Scope of Report, and Third-Party Reliance

Limitation of Liability, Scope of Report, and Third Party Reliance

This Phase One ESA was completed in general accordance with the Ontario Regulation 153/04 (as amended) made under the Environmental Protection Act.

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Appendix B Qualifications of Assessors

Qualifications of Assessors

Aamna Arora, P.Eng., QP_{ESA} is a Senior Environmental Engineer with experience specializing in contaminated site assessments. Ms. Arora holds degrees in civil and environmental engineering and is licensed to practice in Ontario (PEO License No. 100147160). Ms. Arora has over 17 years of experience conducting numerous Phase One/I, Phase Two/II Environmental Site Assessments and Site Remediations for variety of private and municipal clients, for various types of residential/commercial and industrial properties. Ms. Arora is actively involved in project related to Excess Soil Management and Reuse in accordance with Ontario Regulation 406/19. She is a P.Eng. and a Qualified Person (QP_{ESA}) under the O. Reg. 153/04 as amended.

Chahana Mistry, B.Eng., is a Technical Specialist and has been trained to conduct Phase One/I and Phase Two/II ESAs in accordance with O. Reg. 153/04 and CSA Standard Z768-01, and On-Site and Excess Soil Management in accordance with O. Reg. 406/19. Ms. Mistry holds a post graduate degree in environmental engineering applications from Conestoga College, Cambridge campus, Ontario.

Appendix C Title Search-Parcel Register

PROPERTY DESCRIPTION: PART LOTS 21 & 22 CON 5 EHS CHINGUACOUSY, PARTS 1 AND 2, PLAN 43R41084; CALEDON; TOWN OF CALEDON

PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2023/10/30.

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS

RECENTLY:
RE-ENTRY FROM 14347-0369

PIN CREATION DATE:
2023/10/30

OWNERS' NAMES
TACC DEVELOPMENTS (ARMSTRONG) LTD.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2023/10/30 **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
PR4003913	2022/03/01	TRANSFER		ARMSTRONG, MURIEL ELIZABETH 2600809 ONTARIO INC.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PLANNING ACT STATEMENTS.						
PR4003914	2022/03/01	CHARGE	\$16,000,000	TACC DEVELOPMENTS (ARMSTRONG) LTD.	ARMSTRONG, MURIEL ELIZABETH ARMSTRONG, CAIHERINE ANDERSON, ELIZABETH GAIL ARMSTRONG, GORDON	C
43R41084	2023/10/30	PLAN REFERENCE				C
PR4267202	2023/10/30	AFL ABSOLUTE TITLE		TACC DEVELOPMENTS (ARMSTRONG) LTD.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PR4193513 & PR4247281						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

PROPERTY DESCRIPTION: PART LOT 22 CON 5 EHS CHINGUACOUSY, PART 3, PLAN 43R41084; CALEDON; TOWN OF CALEDON
PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2023/10/30.

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS
RECENTLY:
RE-ENTRY FROM 14347-0047

PIN CREATION DATE:
2023/10/30

OWNERS' NAMES
TACC DEVELOPMENTS (ARMSTRONG) LTD.
CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2023/10/30 **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
PR4003913	2022/03/01	TRANSFER		ARMSTRONG, MURIEL ELIZABETH 2600809 ONTARIO INC.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PLANNING ACT STATEMENTS.						
PR4003914	2022/03/01	CHARGE	\$16,000,000	TACC DEVELOPMENTS (ARMSTRONG) LTD.	ARMSTRONG, MURIEL ELIZABETH ARMSTRONG, CATHERINE ANDERSON, ELIZABETH GAIL ARMSTRONG, GORDON	C
43R41084	2023/10/30	PLAN REFERENCE				C
PR4267202	2023/10/30	AFL ABSOLUTE TITLE		TACC DEVELOPMENTS (ARMSTRONG) LTD.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PR4193513 & PR4247281						

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PROPERTY DESCRIPTION: PART LOT 22 CON 5 EHS CHINGUACOUSY, PART 4, PLAN 43R41084: CALEDON: TOWN OF CALEDON
PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2023/10/30.

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS
RECENTLY:
RE-ENTRY FROM 14347-0048

PIN CREATION DATE:
2023/10/30

OWNERS' NAMES
TACC DEVELOPMENTS (ARMSTRONG) LTD.
CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2023/10/30 ** **SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND * ** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE ** ** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
PR4003913	2022/03/01	TRANSFER		ARMSTRONG, MURIEL ELIZABETH 2600889 ONTARIO INC.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PLANNING ACT STATEMENTS.						
PR4003914	2022/03/01	CHARGE	\$16,000,000	TACC DEVELOPMENTS (ARMSTRONG) LTD.	ARMSTRONG, MURIEL ELIZABETH ARMSTRONG, CATHERINE ANDERSON, ELIZABETH GAIL ARMSTRONG, GORDON	C
43R41084	2023/10/30	PLAN REFERENCE				C
PR4267202	2023/10/30	APL ABSOLUTE TITLE		TACC DEVELOPMENTS (ARMSTRONG) LTD.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PR4193813 & PR4247281						

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PROPERTY DESCRIPTION: PART LOT 22 CON 5 EHS CHINGUACOUSY, PART 5, PLAN 43R41084; CALEDON; TOWN OF CALEDON
PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2023/10/30.

ESTATE/QUALIFIER: **RECENTLY:**
FEE SIMPLE RE-ENTRY FROM 14347-0049
LT ABSOLUTE PLUS

PIN CREATION DATE:
2023/10/30

OWNERS' NAMES **CAPACITY SHARE**
TACC DEVELOPMENTS (ARMSTRONG) LTD.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2023/10/30 **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 12 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
PR4003913	2022/03/01	TRANSFER		ARMSTRONG, MURIEL ELIZABETH 2600809 ONTARIO INC.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PLANNING ACT STATEMENTS.						
PR4003914	2022/03/01	CHARGE	\$16,000,000	TACC DEVELOPMENTS (ARMSTRONG) LTD.	ARMSTRONG, MURIEL ELIZABETH ARMSTRONG, CATHERINE ANDERSON, ELIZABETH GAIL ARMSTRONG, GORDON	C
43R41084	2023/10/30	PLAN REFERENCE				C
PR4267202	2023/10/30	APL ABSOLUTE TITLE		TACC DEVELOPMENTS (ARMSTRONG) LTD.	TACC DEVELOPMENTS (ARMSTRONG) LTD.	C
REMARKS: PR4193513 & PR4247281						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

Appendix D ERIS Report



DATABASE REPORT

Project Property:	<i>12933 Bramalea Road (TACC) 12933 Bramalea Road Caledon East ON L7C 0Y3</i>
Project No:	<i>2407688</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>25012200267</i>
Requested by:	<i>GEI Consultants Canada Ltd.</i>
Date Completed:	<i>February 3, 2025</i>

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Executive Summary

Property Information:

Project Property: 12933 Bramalea Road (TACC)
12933 Bramalea Road Caledon East ON L7C 0Y3

Project No: 2407688

Order Information:

Order No: 25012200267
Date Requested: January 22, 2025
Requested by: GEI Consultants Canada Ltd.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer ERIS Xplorer

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	2	2
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	2	1	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	15	15
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	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	3	3
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	5	5
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	4	14	18
Total:			6	40	46

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	EHS		5069 Old School Rd Caledon East ON L7C 0W6	W/0.0	0.53	<u>20</u>
<u>2</u>	EHS		n/a Caledon ON	WSW/0.0	0.96	<u>20</u>
<u>3</u>	WWIS		lot 22 con 5 ON <i>Well ID:</i> 4910260	W/0.0	-2.68	<u>20</u>
<u>4</u>	WWIS		lot 22 con 5 ON <i>Well ID:</i> 4907149	WSW/0.0	4.71	<u>23</u>
<u>5</u>	WWIS		lot 22 con 5 ON <i>Well ID:</i> 4901472	W/0.0	1.68	<u>27</u>
<u>6</u>	WWIS		lot 22 con 5 ON <i>Well ID:</i> 4903591	NNW/0.0	-2.82	<u>31</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	WWIS		lot 21 con 4 ON Well ID: 4907833	W/2.0	5.95	34
8	WWIS		lot 22 con 5 ON Well ID: 4907150	W/2.5	0.96	37
9	WWIS		lot 21 con 4 ON Well ID: 4907832	WSW/13.9	4.93	40
10	WWIS		lot 21 con 4 ON Well ID: 4907831	W/25.2	5.95	43
11	EHS		Central Section York & Peel ON	SSW/41.8	-4.07	45
12	BORE		ON	W/87.1	5.95	45
13	WWIS		lot 23 con 5 ON Well ID: 4901475	WNW/87.2	0.95	46
14	WWIS		lot 22 con 5 ON Well ID: 4908416	NNW/97.1	-2.16	49
15	WWIS		lot 21 con 4 ON Well ID: 4907640	SW/102.6	-0.09	53
16	WWIS		5286 OLD SCHOOL RD lot 23 con 5 Caledon ON Well ID: 7349190	NNW/129.8	-2.06	58
17	WWIS		lot 23 con 4 ON Well ID: 4907203	NNW/131.8	-3.10	60
18	WWIS		5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	NNW/158.0	-1.55	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7349191			
19	PES	QUALITY LANDSCAPING INC	5286 OLD SCHOOL RD CALEDON EAST ON L0N 1E0	NNW/161.8	-2.00	72
19	PES	QUALITY LANDSCAPING INC	5286 OLD SCHOOL RD CALEDON ON L7C0W5	NNW/161.8	-2.00	72
19	PES	QUALITY LANDSCAPING INC	5286 OLD SCHOOL RD CALEDON ON L7C0W5	NNW/161.8	-2.00	73
20	WWIS		5286 OLD SCHOOL RD lot 23 con 5 Caledon ON Well ID: 7349189	NNW/171.6	-2.11	73
21	BORE		ON	NNW/213.0	-3.98	76
22	WWIS		12552 TORBRAM RD CALEDON EAST ON Well ID: 4909650	E/213.6	-11.84	77
23	WWIS		5318 OLD SCHOOL lot 23 con 5 ON Well ID: 7397683	NNW/237.7	-4.26	80
24	WWIS		lot 23 con 5 ON Well ID: 4905464	NNW/249.5	-7.68	88
25	PTTW	Mayfield Golf Club	Lot 21, Concession 5E ON	E/249.9	-14.81	90
25	GEN	MAYFIELD GOLF COURSE INC. 27-727	12552 TORBRAM ROAD CALEDON EAST ON L0N 1E0	E/249.9	-14.81	91
25	GEN	MAYFIELD GOLF COURSE INC.	12552 TORBRAM ROAD CALEDON EAST ON L0N 1E0	E/249.9	-14.81	91
25	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon East ON L0N 1E0	E/249.9	-14.81	91
25	PTTW	Mayfield Golf Club	12552 Torbram Rd, Caledon, Town, Regional Municipality of Peel, L0N 1E0 TOWN OF CALEDON	E/249.9	-14.81	92

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			ON			
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	E/249.9	-14.81	<u>92</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	E/249.9	-14.81	<u>93</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	E/249.9	-14.81	<u>93</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	E/249.9	-14.81	<u>94</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	E/249.9	-14.81	<u>94</u>
<u>25</u>	PTTW	Mayfield Golf Club	12552 Torbram Rd Lot 21 Concession 5E Caledon ON L0N 1E0	E/249.9	-14.81	<u>95</u>
<u>25</u>	PTTW	Mayfield Golf Club	ON	E/249.9	-14.81	<u>95</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>96</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>96</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>96</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>97</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>97</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>25</u>	PTTW	Mayfield Golf Course Inc.	12552 Torbram Road Caledon, ON L7C 2S7 Canada ON	E/249.9	-14.81	<u>98</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>98</u>
<u>25</u>	GEN	MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	E/249.9	-14.81	<u>99</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	87.1	<u>12</u>
	ON	213.0	<u>21</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5069 Old School Rd Caledon East ON L7C 0W6	0.0	<u>1</u>
	n/a Caledon ON	0.0	<u>2</u>
	Central Section York & Peel ON	41.8	<u>11</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2022 has found that there are 15 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAYFIELD GOLF COURSE INC. 27-727	12552 TORBRAM ROAD CALEDON EAST ON L0N 1E0	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 TORBRAM ROAD CALEDON EAST ON L0N 1E0	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon East ON L0N 1E0	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	249.9	<u>25</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	249.9	<u>25</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	249.9	25
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON	249.9	25
MAYFIELD GOLF COURSE INC.	12552 Torbram Rd Caledon ON L7C2S7	249.9	25

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Oct 31, 2024 has found that there are 3 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
QUALITY LANDSCAPING INC	5286 OLD SCHOOL RD CALEDON EAST ON L0N 1E0	161.8	19
QUALITY LANDSCAPING INC	5286 OLD SCHOOL RD CALEDON ON L7C0W5	161.8	19
QUALITY LANDSCAPING INC	5286 OLD SCHOOL RD CALEDON ON L7C0W5	161.8	19

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Nov 30, 2024 has found that there are 5 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Mayfield Golf Club	Lot 21, Concession 5E ON	249.9	25
Mayfield Golf Club	12552 Torbram Rd, Caledon, Town, Regional Municipality of Peel, L0N 1E0 TOWN OF CALEDON ON	249.9	25

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Mayfield Golf Club	12552 Torbram Rd Lot 21 Concession 5E Caledon ON L0N 1E0	249.9	<u>25</u>
Mayfield Golf Club	ON	249.9	<u>25</u>
Mayfield Golf Course Inc.	12552 Torbram Road Caledon, ON L7C 2S7 Canada ON	249.9	<u>25</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 18 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 22 con 5 ON Well ID: 4910260	0.0	<u>3</u>
	lot 22 con 5 ON Well ID: 4907149	0.0	<u>4</u>
	lot 22 con 5 ON Well ID: 4901472	0.0	<u>5</u>
	lot 22 con 5 ON Well ID: 4903591	0.0	<u>6</u>
	lot 21 con 4 ON Well ID: 4907833	2.0	<u>7</u>
	lot 22 con 5 ON Well ID: 4907150	2.5	<u>8</u>
	lot 21 con 4 ON	13.9	<u>9</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 4907832		
	lot 21 con 4 ON	25.2	<u>10</u>
	Well ID: 4907831		
	lot 23 con 5 ON	87.2	<u>13</u>
	Well ID: 4901475		
	lot 22 con 5 ON	97.1	<u>14</u>
	Well ID: 4908416		
	lot 21 con 4 ON	102.6	<u>15</u>
	Well ID: 4907640		
	5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	129.8	<u>16</u>
	Well ID: 7349190		
	lot 23 con 4 ON	131.8	<u>17</u>
	Well ID: 4907203		
	5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	158.0	<u>18</u>
	Well ID: 7349191		
	5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	171.6	<u>20</u>
	Well ID: 7349189		
	12552 TORBRAM RD CALEDON EAST ON	213.6	<u>22</u>
	Well ID: 4909650		
	5318 OLD SCHOOL lot 23 con 5 ON	237.7	<u>23</u>
	Well ID: 7397683		
	lot 23 con 5 ON	249.5	<u>24</u>
	Well ID: 4905464		

79°48'30"W

79°48'W

79°47'30"W

43°48'N

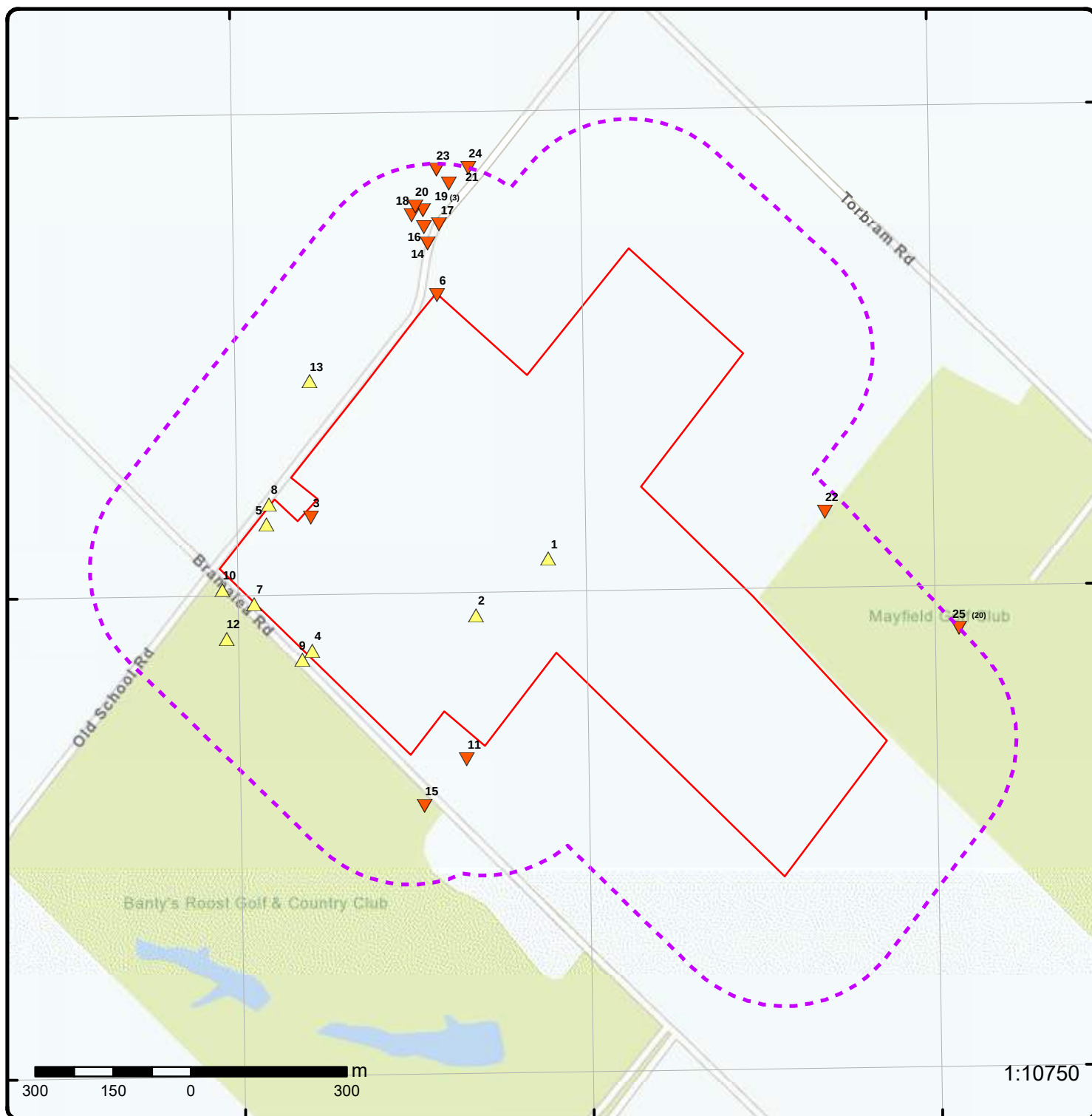
43°48'N

43°47'30"N

43°47'30"N

43°47'N

43°47'N



Map: 0.25 Kilometer Radius

Order Number: 25012200267

Address: 12933 Bramalea Road, Caledon East, ON



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

43°48'N

79°48'W

43°48'N



Aerial Year: 2022

Order Number: 25012200267

Address: 12933 Bramalea Road, Caledon East, ON



Source: ESRI World Imagery

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79°49'30"W

79°48'W

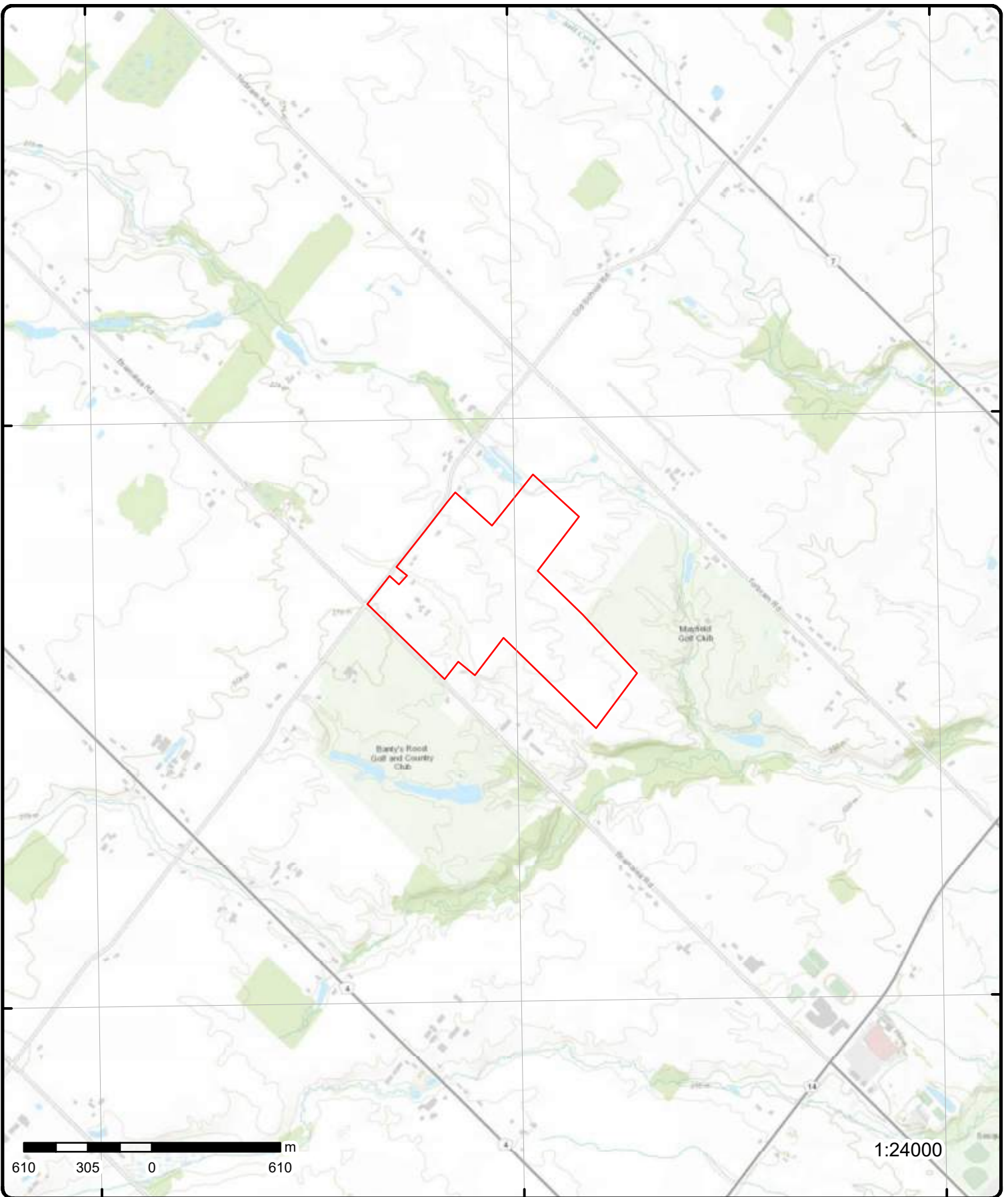
79°46'30"W

43°48'N

43°48'N

43°46'30"N

43°46'30"N



Topographic Map

Address: 12933 Bramalea Road, ON

Source: ESRI World Topographic Map

Order Number: 25012200267



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	W/0.0	269.4 / 0.53	5069 Old School Rd Caledon East ON L7C 0W6	EHS
Order No: 21062900247 Status: C Report Type: Custom Report Report Date: 14-JUL-21 Date Received: 29-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.80094114 Y: 43.7922343					
2	1 of 1	WSW/0.0	269.9 / 0.96	n/a Caledon ON	EHS
Order No: 20190717066 Status: C Report Type: Custom Report Report Date: 28-OCT-19 Date Received: 17-JUL-19 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.802701 Y: 43.79127					
3	1 of 1	W/0.0	266.2 / -2.68	lot 22 con 5 ON	WWIS
Well ID: 4910260 Construction Date: Use 1st: Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z49778 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: CALEDON TOWN (CHINGUACOUSY) Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 07/19/2006 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 4011 Form Version: 3 Owner: County: PEEL Lot: 022 Concession: 05 Concession Name: HS E Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/491\4910260.pdf					
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		07/11/2006			
Year Completed:		2006			
Depth (m):		40.85			
Latitude:		43.7930067464916			
Longitude:		-79.8066137072743			
X:		-79.80661355692204			
Y:		43.79300674443967			
Path:		491\4910260.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	11555494			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596011.00
Code OB Desc:				North83:	4849575.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	07/11/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933063435			
Layer:		1			
Color:					
General Color:					
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		40.849998474121094			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933296934			
Layer:		4			
Plug From:		24.299999237060547			
Plug To:		15.399999618530273			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933296936			
Layer:		6			
Plug From:		11.550000190734863			
Plug To:		1.7000000476837158			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933296931			
Layer:		1			
Plug From:		40.849998474121094			
Plug To:		34.099998474121094			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933296932			
Layer:		2			
Plug From:		34.099998474121094			
Plug To:		28.5			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933296933			
Layer:		3			
Plug From:		28.5			
Plug To:		24.299999237060547			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933296935			
Layer:		5			
Plug From:		15.399999618530273			
Plug To:		11.550000190734863			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964910260			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11565101			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930882810			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		1.7000000476837158			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		40.849998474121094			
Casing Diameter:		0.11999999731779099			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		11572726			
Pump Set At:					
Static Level:		7.400000095367432			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>4</u>	1 of 1	WSW/0.0	273.6 / 4.71	lot 22 con 5 ON	WWIS
Well ID:	4907149			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	Livestock			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/24/1989
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	49162			Contractor:	5206
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907149.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:					
Year Completed:					
Depth (m):		31.0896			
Latitude:		43.7906928733634			
Longitude:		-79.8066224677732			
X:		-79.80662231749801			
Y:		43.790692871463875			
Path:		490\4907149.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10321710			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596014.00
Code OB Desc:				North83:	4849318.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	2
Date Completed:				UTMRC Desc:	margin of error : 3 - 10 m
Remarks:				Location Method:	gps
Location Method Desc:		from gps			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932057060			
Layer:		4			
Color:					
General Color:					
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		65.0			
Formation End Depth:		99.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932057057			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932057058			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		34			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		TILL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932057061			
Layer:		5			
Color:		7			
General Color:		RED			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		99.0			
Formation End Depth:		102.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932057059			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		35.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		964907149			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10870280			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930530810			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		92.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933360139			
Layer:		1			
Slot:		050			
Screen Top Depth:		92.0			
Screen End Depth:		99.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		994907149			
Pump Set At:					
Static Level:		32.0			
Final Level After Pumping:		90.0			
Recommended Pump Depth:		85.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		15.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934256008			
Test Type:					
Test Duration:		15			
Test Level:		45.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934530547			
Test Type:					
Test Duration:		30			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935050128			
Test Type:					
Test Duration:		60			
Test Level:		32.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933795212			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
5	1 of 1	W/0.0	270.6 / 1.68	lot 22 con 5 ON	WWIS
Well ID:	4901472			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Livestock			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/21/1961
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4813
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (CHINGUACOUSY)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901472.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	09/06/1961				
Year Completed:	1961				
Depth (m):	44.196				
Latitude:	43.7928918110504				
Longitude:	-79.8076787238408				
X:	-79.80767857404115				
Y:	43.79289180899102				
Path:	490\4901472.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10316317			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	595925.50
Code OB Desc:				North83:	4849561.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	09/06/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932034476			
Layer:		5			
Color:					
General Color:					
Material 1:		06			
Material 1 Desc:		SILT			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		80.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932034474			
Layer:		3			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		38.0			
Formation End Depth:		72.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932034477			
Layer:		6			
Color:					
General Color:					
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		110.0			
Formation End Depth:		115.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932034475			
Layer:		4			
Color:					
General Color:					
Material 1:		06			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		SILT			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		72.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932034473			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		09			
Material 2 Desc:		MEDIUM SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932034478			
Layer:		7			
Color:		3			
General Color:		BLUE			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		115.0			
Formation End Depth:		131.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932034479			
Layer:		8			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		131.0			
Formation End Depth:		145.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932034472			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964901472			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10864887			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930522889			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		115.0			
Casing Diameter:		7.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930522890			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		145.0			
Casing Diameter:		7.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		994901472			
Pump Set At:					
Static Level:		36.0			
Final Level After Pumping:		140.0			
Recommended Pump Depth:		142.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933789404			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		72.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933789405			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		114.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933789406			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140.0			
Water Found Depth UOM:		ft			
<u>6</u>	1 of 1	NNW/0.0	266.1 / -2.82	lot 22 con 5 ON	WWIS
Well ID:	4903591			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/27/1971
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1307
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (CHINGUACOUSY)				
Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903591.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	04/29/1971				
Year Completed:	1971				
Depth (m):	10.0584				
Latitude:	43.7968279052507				
Longitude:	-79.8035108496783				
X:	-79.8035106993203				
Y:	43.796827903457064				
Path:	490\4903591.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10318425			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596254.50
Code OB Desc:				North83:	4850003.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	04/29/1971			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932042280				
Layer:	3				
Color:					
General Color:					
Material 1:	11				
Material 1 Desc:	GRAVEL				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	32.0				
Formation End Depth:	33.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932042278				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	02				
Material 1 Desc:	TOPSOIL				
Material 2:					
Material 2 Desc:					
Material 3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932042279			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964903591			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10866995			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930525948			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		33.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		994903591			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		27.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		50.0			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935049978				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	10.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934785063				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	10.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934256388				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	10.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934530921				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	10.0				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	933791625				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:					
Water Found Depth UOM:	ft				
<u>7</u>	1 of 1	W/2.0	274.9 / 5.95	lot 21 con 4 ON	WWIS
Well ID:	4907833			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:				Date Received:	05/12/1994
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	56658			Contractor:	6809
Tag:				Form Version:	1
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):			County:	PEEL	
Elevatn Reliabilty:			Lot:	021	
Depth to Bedrock:			Concession:	04	
Well Depth:			Concession Name:	HS E	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:			CALEDON TOWN (CHINGUACOUSY)		
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907833.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			08/31/1993		
Year Completed:			1993		
Depth (m):			19.812		
Latitude:			43.7915175690683		
Longitude:			-79.8079981369125		
X:			-79.80799798623197		
Y:			43.79151756735011		
Path:			490\4907833.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10322392		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone:		
Code OB Desc:			17		
Open Hole:			East83:		
Cluster Kind:			595902.00		
Date Completed:			North83:		
08/31/1993			4849408.00		
Remarks:			Org CS:		
Location Method Desc:			UTMRC:		
from gps			4		
Elevrc Desc:			UTMRC Desc:		
Location Source Date:			margin of error : 30 m - 100 m		
Improvement Location Source:			Location Method:		
Improvement Location Method:			gps		
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932060721		
Layer:			1		
Color:			6		
General Color:			BROWN		
Material 1:			02		
Material 1 Desc:			TOPSOIL		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			5.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932060723			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		81			
Material 2 Desc:		SANDY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932060722			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		5.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933170586			
Layer:		1			
Plug From:		0.0			
Plug To:		50.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		964907833			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10870962			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930531825			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		60.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933360366			
Layer:		1			
Slot:		010			
Screen Top Depth:		60.0			
Screen End Depth:		63.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.0			
<u>Water Details</u>					
Water ID:		933795984			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			

<u>8</u>	1 of 1	W/2.5	269.9 / 0.96	lot 22 con 5 ON	WWIS
Well ID: 4907150					
Construction Date:					
Use 1st:		Domestic		Flowing (Y/N):	
Use 2nd:		Livestock		Flow Rate:	
Final Well Status:		Water Supply		Data Entry Status:	
Water Type:				Data Src:	1
Casing Material:				Date Received:	08/24/1989
Audit No: 49169				Selected Flag:	TRUE
Tag:				Abandonment Rec:	
Constructn Method:				Contractor:	5206
Elevation (m):				Form Version:	1
Elevatn Reliabilty:				Owner:	
Depth to Bedrock:				County:	PEEL
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	05
Pump Rate:				Concession Name:	HS E
Static Water Level:				Easting NAD83:	
Clear/Cloudy:				Northing NAD83:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)		Zone:	
Site Info:				UTM Reliability:	

PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907150.pdf
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Additional Detail(s) (Map)

Well Completed Date:	04/29/1989
Year Completed:	1989
Depth (m):	31.3944
Latitude:	43.7932423010369
Longitude:	-79.8076158211525
X:	-79.80761567040021
Y:	43.79324229905901

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		490\4907150.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10321711			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	595930.00
Code OB Desc:				North83:	4849600.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	2
Date Completed:	04/29/1989			UTMRC Desc:	margin of error : 3 - 10 m
Remarks:				Location Method:	gps
Location Method Desc:	from gps				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932057062				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	65.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932057063				
Layer:	2				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:	06				
Material 3 Desc:	SILT				
Formation Top Depth:	65.0				
Formation End Depth:	93.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932057065				
Layer:	4				
Color:	7				
General Color:	RED				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		99.0			
Formation End Depth:		103.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932057064			
Layer:		3			
Color:					
General Color:					
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		06			
Material 3 Desc:		SILT			
Formation Top Depth:		93.0			
Formation End Depth:		99.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964907150			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10870281			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930530811			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		92.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933360140			
Layer:		1			
Slot:		050			
Screen Top Depth:		94.0			
Screen End Depth:		99.0			
Screen Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		994907150			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		90.0			
Recommended Pump Depth:		90.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		15			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935050129			
Test Type:					
Test Duration:		60			
Test Level:		11.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934256009			
Test Type:					
Test Duration:		15			
Test Level:		15.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933795213			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
<u>9</u>	1 of 1	WSW/13.9	273.8 / 4.93	lot 21 con 4 ON	WWIS
Well ID:	4907832			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:				Date Received:	05/12/1994
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	56657			Contractor:	6809
Tag:				Form Version:	1
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):			County:	PEEL	
Elevatn Reliabilty:			Lot:	021	
Depth to Bedrock:			Concession:	04	
Well Depth:			Concession Name:	HS E	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:			CALEDON TOWN (CHINGUACOUSY)		
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907832.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			08/31/1993		
Year Completed:			1993		
Depth (m):			19.812		
Latitude:			43.7905423066993		
Longitude:			-79.8068616168414		
X:			-79.80686146693031		
Y:			43.790542305207126		
Path:			490\4907832.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10322391		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone:		
Code OB Desc:			17		
Open Hole:			East83:		
Cluster Kind:			595995.00		
Date Completed:			North83:		
08/31/1993			4849301.00		
Remarks:			Org CS:		
Location Method Desc:			UTMRC:		
from gps			4		
Elevrc Desc:			UTMRC Desc:		
Location Source Date:			margin of error : 30 m - 100 m		
Improvement Location Source:			Location Method:		
Improvement Location Method:			gps		
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932060720		
Layer:			2		
Color:			6		
General Color:			BROWN		
Material 1:			28		
Material 1 Desc:			SAND		
Material 2:			11		
Material 2 Desc:			GRAVEL		
Material 3:			84		
Material 3 Desc:			SILTY		
Formation Top Depth:			5.0		
Formation End Depth:			65.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932060719			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		77			
Material 2 Desc:		LOOSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933170585			
Layer:		1			
Plug From:		0.0			
Plug To:		45.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		964907832			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10870961			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930531824			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		60.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933360365			
Layer:		1			
Slot:		010			
Screen Top Depth:		60.0			
Screen End Depth:		65.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933795983			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45.0			
Water Found Depth UOM:		ft			
10	1 of 1	W/25.2	274.9 / 5.95	lot 21 con 4 ON	WWIS
Well ID:	4907831			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:				Date Received:	05/12/1994
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	143779			Contractor:	6809
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	021
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907831.pdf			
 <u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/28/1993				
Year Completed:	1993				
Depth (m):	19.812				
Latitude:	43.7917685245421				
Longitude:	-79.8087513386458				
X:	-79.80875118830092				
Y:	43.79176852350385				
Path:	490\4907831.pdf				
 <u>Bore Hole Information</u>					
Bore Hole ID:	10322390			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	595841.00
Code OB Desc:				North83:	4849435.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	2
Date Completed:	08/28/1993			UTMRC Desc:	margin of error : 3 - 10 m
Remarks:				Location Method:	gps
Location Method Desc:	from gps				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932060717			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		77			
Material 2 Desc:		LOOSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932060718			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		66			
Material 3 Desc:		DENSE			
Formation Top Depth:		5.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933170584			
Layer:		1			
Plug From:		0.0			
Plug To:		60.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964907831			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10870960			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930531823			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		60.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933360364			
Layer:		1			
Slot:		010			
Screen Top Depth:		60.0			
Screen End Depth:		65.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.0			
<u>Water Details</u>					
Water ID:		933795982			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
<u>11</u>	1 of 1	SSW/41.8	264.8 / -4.07	Central Section York & Peel ON	EHS
Order No:	20141020039			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	22-OCT-14			Search Radius (km):	.25
Date Received:	20-OCT-14			X:	-79.802956
Previous Site Name:				Y:	43.788777
Lot/Building Size:					
Additional Info Ordered:					
<u>12</u>	1 of 1	W/87.1	274.9 / 5.95	ON	BORE
Borehole ID:	591174			Inclin FLG:	No
OGF ID:	215501769			SP Status:	Initial Entry
Status:	Unknown			Surv Elev:	No
Type:	Outcrop			Piezometer:	No
Use:				Primary Name:	OGS-OLW-62-1386
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	43.790921
Total Depth m:	1			Longitude DD:	-79.808669
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	595849
Drill Method:				Northing:	4849341

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality:		CALEDON TOWN (CHINGUACOUSY)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901475.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/13/1961			
Year Completed:		1961			
Depth (m):		13.4112			
Latitude:		43.7953655631846			
Longitude:		-79.8065978345491			
X:		-79.80659768438218			
Y:		43.79536556114816			
Path:		490\4901475.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10316320		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				596008.50	
Cluster Kind:				North83:	
Date Completed:		12/13/1961		4849837.00	
Remarks:				Org CS:	
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		UTMRC:	
Elevrc Desc:				5	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 100 m - 300 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p5	
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932034489			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932034490			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		10			
Material 1 Desc:		COARSE SAND			
Material 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		28.0			
Formation End Depth:		43.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932034488			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932034491			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		43.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		964901475			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10864890			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930522893			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		44.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		994901475			
Pump Set At:					
Static Level:		28.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		2.0			
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			
<u>Water Details</u>					
Water ID:		933789409			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		28.0			
Water Found Depth UOM:		ft			

14	1 of 1	NNW/97.1	266.8 / -2.16	lot 22 con 5 ON	WWIS
Well ID: 4908416					
Construction Date:					
Use 1st:		Domestic		Flowing (Y/N):	
Use 2nd:				Flow Rate:	
Final Well Status:		Water Supply		Data Entry Status:	
Water Type:				Data Src:	1
Casing Material:				Date Received:	02/17/1999
Audit No:		193171		Selected Flag:	TRUE
Tag:				Abandonment Rec:	
Constructn Method:				Contractor:	6782
Elevation (m):				Form Version:	1
Elevatn Reliabilty:				Owner:	
Depth to Bedrock:				County:	PEEL
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	05
Pump Rate:				Concession Name:	HS E
Static Water Level:				Easting NAD83:	
Clear/Cloudy:				Northing NAD83:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)		Zone:	
Site Info:				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4908416.pdf			

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		10/28/1998			
Year Completed:		1998			
Depth (m):		28.956			
Latitude:		43.7977214968714			
Longitude:		-79.8037229821475			
X:		-79.80372283183509			
Y:		43.797721495229304			
Path:		490\4908416.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10322952			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596236.00
Code OB Desc:				North83:	4850102.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	2
Date Completed:	10/28/1998			UTMRC Desc:	margin of error : 3 - 10 m
Remarks:				Location Method:	gps
Location Method Desc:		from gps			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932063227			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		09			
Material 1 Desc:		MEDIUM SAND			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		87.0			
Formation End Depth:		95.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932063226			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		6.0			
Formation End Depth:		87.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932063225			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933171081			
Layer:		1			
Plug From:		0.0			
Plug To:		11.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964908416			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10871522			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930532528			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		12.0			
Casing Diameter:		8.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930532529			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		93.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930532530			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		95.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		994908416			
Pump Set At:					
Static Level:		3.0			
Final Level After Pumping:		48.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934787927			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		1.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934259324			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934525633			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		1.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 935044699					
Test Type: Recovery					
Test Duration: 60					
Test Level: 1.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933796504					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 93.0					
Water Found Depth UOM: ft					
15	1 of 1	SW/102.6	268.8 / -0.09	lot 21 con 4 ON	WWIS
Well ID: 4907640					
Construction Date:					
Use 1st: Domestic					
Use 2nd:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: 095307					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality: CALEDON TOWN (CHINGUACOUSY)					
Site Info:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 06/19/1992					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3108					
Form Version: 1					
Owner:					
County: PEEL					
Lot: 021					
Concession: 04					
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\4907640.pdf					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 05/28/1992					
Year Completed: 1992					
Depth (m): 25.908					
Latitude: 43.7879731200231					
Longitude: -79.8039795900216					
X: -79.80397943998425					
Y: 43.78797311803226					
Path: 490\4907640.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10322199					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Elevation:					
Elevrc:					
Zone: 17					
East83: 596231.00					
North83: 4849019.00					
Org CS:					
UTMRC: 2					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:		05/28/1992		UTMRC Desc:	margin of error : 3 - 10 m
Remarks:				Location Method:	gps
Location Method Desc:		from gps			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932059744			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		19.0			
Formation End Depth:		31.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932059743			
Layer:		3			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		19.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932059746			
Layer:		6			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		62			
Material 2 Desc:		CLEAN			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		54.0			
Formation End Depth:		61.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			932059742		
Layer:			2		
Color:			6		
General Color:			BROWN		
Material 1:			28		
Material 1 Desc:			SAND		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			6.0		
Formation End Depth:			14.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932059747		
Layer:			7		
Color:			3		
General Color:			BLUE		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			61.0		
Formation End Depth:			85.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932059745		
Layer:			5		
Color:					
General Color:					
Material 1:			28		
Material 1 Desc:			SAND		
Material 2:			11		
Material 2 Desc:			GRAVEL		
Material 3:					
Material 3 Desc:					
Formation Top Depth:			31.0		
Formation End Depth:			54.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932059741		
Layer:			1		
Color:			6		
General Color:			BROWN		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933170436			
Layer:		1			
Plug From:					
Plug To:		45.0			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933170437			
Layer:		2			
Plug From:		0.0			
Plug To:		55.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		964907640			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10870769			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930531544			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933360314			
Layer:		1			
Slot:		014			
Screen Top Depth:		55.0			
Screen End Depth:		61.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		994907640			
Pump Set At:					
Static Level:		39.0			
Final Level After Pumping:		55.0			
Recommended Pump Depth:		55.0			
Pumping Rate:		60.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934532157			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		39.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934257629			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		39.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934786233			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		39.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935042982			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		39.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933795755			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		54.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	NNW/129.8	266.9 / -2.06	5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	WWIS
Well ID: 7349190 Construction Date: Use 1st: Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z325863 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 12/12/2019 Selected Flag: TRUE Abandonment Rec: Contractor: 7523 Form Version: 7 Owner: County: PEEL Lot: 023 Concession: 05 Concession Name: HS E Easting NAD83: Northing NAD83: Zone: UTM Reliability: CALEDON TOWN (CHINGUACOUSY)					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7349190.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/28/2019			
Year Completed:		2019			
Depth (m):					
Latitude:		43.7980104671912			
Longitude:		-79.8038042306279			
X:		-79.8038040808074			
Y:		43.798010465034096			
Path:		734\7349190.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1007772390		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 596229.00	
Code OB Desc:				North83: 4850134.00	
Open Hole:				Org CS: UTM83	
Cluster Kind:				UTMRC: 4	
Date Completed:		10/28/2019		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008309540			
Layer:					
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:					
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:					
		1008309546			
Layer:					
		1			
Plug From:					
		0.0			
Plug To:					
		2.0			
Plug Depth UOM:					
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:					
		1008309549			
Layer:					
		4			
Plug From:					
		34.0			
Plug To:					
		36.58000183105469			
Plug Depth UOM:					
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:					
		1008309548			
Layer:					
		3			
Plug From:					
		2.200000047683716			
Plug To:					
		34.0			
Plug Depth UOM:					
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:					
		1008309547			
Layer:					
		2			
Plug From:					
		2.0			
Plug To:					
		2.200000047683716			
Plug Depth UOM:					
		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
		1008309545			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:					
		1008309539			
Casing No:					
		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1008309543			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		36.58000183105469			
Casing Diameter:		15.880000114440918			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008309544			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1008309542			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008309541			
Diameter:		15.880000114440918			
Depth From:		0.0			
Depth To:		36.58000183105469			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>17</u>	1 of 1	NNW/131.8	265.8 / -3.10	lot 23 con 4 ON	WWIS
Well ID:	4907203			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/15/1989
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	65765			Contractor:	3132
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	023
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907203.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/02/1989			
Year Completed:		1989			
Depth (m):		29.8704			
Latitude:		43.7980427013599			
Longitude:		-79.8034430986892			
X:		-79.80344294829385			
Y:		43.79804269905032			
Path:		490\4907203.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10321763		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596258.00
Code OB Desc:				North83:	4850138.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	2
Date Completed:		10/02/1989		UTMRC Desc:	margin of error : 3 - 10 m
Remarks:				Location Method:	gps
Location Method Desc:		from gps			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932057277			
Layer:		4			
Color:		3			
General Color:		BLUE			
Material 1:		06			
Material 1 Desc:		SILT			
Material 2:		77			
Material 2 Desc:		LOOSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		72.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932057278			
Layer:		5			
Color:		3			
General Color:		BLUE			
Material 1:		05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		28			
Material 3 Desc:		SAND			
Formation Top Depth:		84.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932057274			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		66			
Material 3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932057275			
Layer:		2			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		66			
Material 3 Desc:		DENSE			
Formation Top Depth:		14.0			
Formation End Depth:		34.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932057276			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		34.0			
Formation End Depth:		72.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		933170213			
Layer:		1			
Plug From:		0.0			
Plug To:		16.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		964907203			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10870333			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930530892			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		98.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930530891			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		87.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933360150			
Layer:		1			
Slot:		030			
Screen Top Depth:		88.0			
Screen End Depth:		93.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.0			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		994907203			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:	80.0				
Pumping Rate:	7.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	8				
Pumping Duration MIN:	0				
Flowing:	No				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934256473			
Test Type:		Draw Down			
Test Duration:	15				
Test Level:	65.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934785087			
Test Type:		Draw Down			
Test Duration:	45				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934531009			
Test Type:		Draw Down			
Test Duration:	30				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935050591			
Test Type:		Draw Down			
Test Duration:	60				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:		933795269			
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	89.0				
Water Found Depth UOM:	ft				
18	1 of 1	NNW/158.0	267.4 / -1.55	5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7349191			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	12/12/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z325862			Contractor:	7523
Tag:	_NO_TAG			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	023
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (CHINGUACOUSY)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7349191.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	10/20/2019				
Year Completed:	2019				
Depth (m):	28.9				
Latitude:	43.7982206319271				
Longitude:	-79.8040983737667				
X:	-79.8040982232548				
Y:	43.79822063045033				
Path:	734\7349191.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1007772393			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596205.00
Code OB Desc:				North83:	4850157.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/20/2019			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008309555				
Layer:	4				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		23.15999984741211			
Formation End Depth:		27.43000030517578			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1008309553			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		05			
Material 2 Desc:		CLAY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.9100000262260437			
Formation End Depth:		6.099999904632568			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1008309552			
Layer:		1			
Color:		8			
General Color:		BLACK			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.9100000262260437			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1008309556			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		27.43000030517578			
Formation End Depth:		28.899999618530273			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1008309554			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		6.099999904632568			
Formation End Depth:		23.15999984741211			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008309590			
Layer:		1			
Plug From:		0.0			
Plug To:		6.199999809265137			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008309589			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008309550			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008309560			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.6100000143051147			
Depth To:		28.040000915527344			
Casing Diameter:		15.420000076293945			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008309561			
Layer:		1			
Slot:		30			
Screen Top Depth:		26.520000457763672			
Screen End Depth:		28.040000915527344			
Screen Material:		8			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		12.699999809265137			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008309551			
Pump Set At:		28.0			
Static Level:		0.5			
Final Level After Pumping:		6.519999980926514			
Recommended Pump Depth:		28.0			
Pumping Rate:		30.280000686645508			
Flowing Rate:		1.0			
Recommended Pump Rate:		30.280000686645508			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:					
Test Type:		1008309574			
Test Duration:		Draw Down			
Test Level:		15			
Test Level UOM:		4.960000038146973			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:					
Test Type:		1008309564			
Test Duration:		Draw Down			
Test Level:		2			
Test Level UOM:		1.399999976158142			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:					
Test Type:		1008309572			
Test Duration:		Draw Down			
Test Level:		10			
Test Level UOM:		4.199999809265137			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:					
Test Type:		1008309569			
Test Duration:		Recovery			
Test Level:		4			
Test Level UOM:		3.740000009536743			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:					
Test Type:		1008309571			
Test Duration:		Recovery			
Test Level:		5			
Test Level UOM:		3.25			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:					
Test Type:		1008309571			
Test Duration:		Recovery			
Test Level:		5			
Test Level UOM:		3.25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1008309576			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.5			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309578			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.860000133514404			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309579			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0.0			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309580			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		6.139999866485596			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309581			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.0			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309584			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.429999828338623			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309575			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.75			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309563			
Test Type:		Recovery			
Test Duration:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		5.570000171661377			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309568			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.4000000953674316			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309582			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.300000190734863			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309587			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0.20999999344348907			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309565			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.929999828338623			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309566			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.9700000286102295			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309570			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.7899999618530273			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309573			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.590000152587891			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309577			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.30000001192092896			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309583			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0.10000000149011612			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309586			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.519999980926514			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309562			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.9599999785423279			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309567			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.230000019073486			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1008309585			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.05000000074505806			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1008309559			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		28.0			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008309558			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Diameter: 15.239999771118164 Depth From: 6.099999904632568 Depth To: 28.040000915527344 Hole Depth UOM: m Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1008309557 Diameter: 20.31999969482422 Depth From: 0.0 Depth To: 6.099999904632568 Hole Depth UOM: m Hole Diameter UOM: cm					
19	1 of 3	NNW/161.8	266.9 / -2.00	QUALITY LANDSCAPING INC 5286 OLD SCHOOL RD CALEDON EAST ON L0N 1E0	PES
Detail Licence No: 02-01-05343-0 Licence No: 05343 Status: Approval Date: Report Source: Licence Type: Operator Licence Type Code: 02 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: 3 District: County: 49 Trade Name: PDF URL:					
Operator Box: Operator Class: 6 Operator No: 5343 Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: 3 Operator District: Operator County: 49 Op Municipality: Post Office Box: MOE District: SWP Area Name:					
19	2 of 3	NNW/161.8	266.9 / -2.00	QUALITY LANDSCAPING INC 5286 OLD SCHOOL RD CALEDON ON L7C0W5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Operator Licence Type Code: 02 Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:					
Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	3 of 3	NNW/161.8	266.9 / -2.00	QUALITY LANDSCAPING INC 5286 OLD SCHOOL RD CALEDON ON L7C0W5	PES
Detail Licence No:				Operator Box:	
Licence No:	06796			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code: 905	
Licence Type:				Oper Phone No:	
Licence Type Code:	02			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
20	1 of 1	NNW/171.6	266.8 / -2.11	5286 OLD SCHOOL RD lot 23 con 5 Caledon ON	WWIS
Well ID:	7349189			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Quality			Date Received: 12/12/2019	
Water Type:				Selected Flag: TRUE	
Casing Material:				Abandonment Rec:	
Audit No:	Z325864			Contractor: 7523	
Tag:				Form Version: 7	
Constructn Method:				Owner:	
Elevation (m):				County: PEEL	
Elevatn Reliabilty:				Lot: 023	
Depth to Bedrock:				Concession: 05	
Well Depth:				Concession Name: HS E	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (CHINGUACOUSY)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7349189.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	10/26/2019				
Year Completed:	2019				
Depth (m):					
Latitude:	43.7983637512801				
Longitude:	-79.8040085038698				
X:	-79.8040083540129				
Y:	43.79836374946222				
Path:	734\7349189.pdf				
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1007772387			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596212.00
Code OB Desc:				North83:	4850173.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/26/2019			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008309529				
Layer:	1				
Color:					
General Color:					
Material 1:					
Material 1 Desc:					
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:					
Formation End Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008309536				
Layer:	2				
Plug From:	2.0				
Plug To:	2.200000047683716				
Plug Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008309537				
Layer:	3				
Plug From:	2.200000047683716				
Plug To:	26.0				
Plug Depth UOM:	m				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008309535				
Layer:	1				
Plug From:	0.0				
Plug To:	2.0				
Plug Depth UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008309538			
Layer:		4			
Plug From:		26.0			
Plug To:		28.34000015258789			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008309534			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008309528			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008309532			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		28.34000015258789			
Casing Diameter:		15.239999771118164			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008309533			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1008309531			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008309530			
Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From: Depth To: Hole Depth UOM: m Hole Diameter UOM: cm					
21	1 of 1	NNW/213.0	264.9 / -3.98	ON	BORE
Borehole ID: 589815 OGF ID: 215500410 Status: Unknown Type: Outcrop Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 1.5 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 265 Elev Reliabil Note: DEM Ground Elev m: 263 Concession: Location D: Survey D: Comments:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: OGS-OLW-62-1475 Municipality: Lot: Township: Latitude DD: 43.79876 Longitude DD: -79.803193 UTM Zone: 17 Easting: 596277 Northing: 4850218 Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218339309 Top Depth: 0 Bottom Depth: 1.5 Material Color: Material 1: Till Material 2: Silt Material 3: Clay Material 4: Gsc Material Description: diamicton: cl to cl/si matrix Stratum Description: Di si cl **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:					
<u>Source</u>					
Source Type: Data Survey Source Orig: Ontario Geological Survey Source Date: Varies to 2004 Confidence: H Observatio: Source Name: Ontario Geological Survey Fieldwork Mapping Source Details: YPDT Master Database A: -1698364152 Confiden 1: Location taken from OGS 1:50,000 maps by CAMC staff or consultants.					
Source Appl: Spatial/Tabular Source Iden: 6 Scale or Res: 1:50,000 Horizontal: NAD83 Verticalda: Mean Average Sea Level					
<u>Source List</u>					
Source Identifier: 6 Source Type: Data Survey Source Date: Varies to 2004 Scale or Resolution: 1:50,000 Source Name: Ontario Geological Survey Fieldwork Mapping Source Originators: Ontario Geological Survey					
Horizontal Datum: NAD83 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transvers Mercator					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	E/213.6	257.1 / -11.84	12552 TORBRAM RD CALEDON EAST ON	WWIS
Well ID: 4909650 Construction Date: Use 1st: Use 2nd: Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z11192 Tag: A006736 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: CALEDON TOWN (CHINGUACOUSY) Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 02/08/2005 Selected Flag: TRUE Abandonment Rec: Contractor: 6809 Form Version: 3 Owner: County: PEEL Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4909650.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/18/2004			
Year Completed:		2004			
Depth (m):		12.4968			
Latitude:		43.7929766261693			
Longitude:		-79.7943090059449			
X:		-79.7943088557992			
Y:		43.79297662427971			
Path:		490\4909650.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		11323383		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		05/18/2004		UTMRC Desc:	
Remarks:				Location Method:	
Location Method Desc:		on Water Well Record		margin of error : 30 m - 100 m	
Elevrc Desc:				wwr	
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933021057			
Layer:		4			
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		34			
Material 2 Desc:		TILL			
Material 3:		06			
Material 3 Desc:		SILT			
Formation Top Depth:		31.0			
Formation End Depth:		41.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933021055			
Layer:		2			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		84			
Material 2 Desc:		SILTY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933021056			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		05			
Material 3 Desc:		CLAY			
Formation Top Depth:		15.0			
Formation End Depth:		31.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933021054			
Layer:		1			
Color:					
General Color:					
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		933265507			
Layer:		1			
Plug From:		41.0			
Plug To:		31.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933265506			
Layer:		2			
Plug From:		31.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964909650			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11338238			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930866452			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		31.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933411794			
Layer:		1			
Slot:		100			
Screen Top Depth:		31.0			
Screen End Depth:		41.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.0			
<u>Hole Diameter</u>					
Hole ID:		11543274			
Diameter:		8.25			
Depth From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		41.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
23	1 of 1	NNW/237.7	264.7 / -4.26	5318 OLD SCHOOL lot 23 con 5 ON	WWIS
Well ID:		7397683		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		Date Received:	09/20/2021
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		Z356718		Contractor:	2576
Tag:		A315308		Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	023
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)			
Site Info:					
<u>Additional Detail(s) (Map)</u>					
Bore Hole ID:		1008780713		Tag No:	A315308
Depth M:				Contractor:	2576
Year Completed:		2021		Latitude:	43.7989975493504
Well Completed Dt:		09/07/2021		Longitude:	-79.8034861952274
Audit No:		Z356718		Y:	43.798997547080134
Path:				X:	-79.80348604487
<u>Bore Hole Information</u>					
Bore Hole ID:		1008780713		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596253.00
Code OB Desc:				North83:	4850244.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		09/07/2021		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1010016382			
Layer:		1			
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1010016387			
Layer:		6			
Color:		2			
General Color:		GREY			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:		84			
Material 2 Desc:		SILTY			
Material 3:		91			
Material 3 Desc:		WATER-BEARING			
Formation Top Depth:		71.0			
Formation End Depth:		86.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1010016383			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		84			
Material 2 Desc:		SILTY			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		1.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1010016385			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		84			
Material 2 Desc:		SILTY			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		63.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1010016384			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:		12			
Material 3 Desc:		STONES			
Formation Top Depth:		14.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1010016388			
Layer:		7			
Color:		3			
General Color:		BLUE			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		86.0			
Formation End Depth:		89.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1010016386			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		46			
Material 1 Desc:		QUARTZ			
Material 2:		28			
Material 2 Desc:		SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		63.0			
Formation End Depth:		71.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1010017060			
Layer:		1			
Plug From:		0.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		1010017971			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DR			
		DR			
 <u>Pipe Information</u>					
Pipe ID:		1009771007			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1010018429			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-1.0			
Depth To:		75.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		1010018431			
Layer:		3			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		74.0			
Depth To:		78.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		1010018430			
Layer:		2			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		-2.0			
Depth To:		75.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1010018631			
Layer:		2			
Slot:		16			
Screen Top Depth:		82.0			
Screen End Depth:		86.0			
Screen Material:		8			
Screen Depth UOM:		ft			
Screen Diameter UOM:		Inch			
Screen Diameter:		5.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1010018630			
Layer:		1			
Slot:		20			
Screen Top Depth:		78.0			
Screen End Depth:		82.0			
Screen Material:		8			
Screen Depth UOM:		ft			
Screen Diameter UOM:		Inch			
Screen Diameter:		5.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1010019306			
Pump Set At:		75.0			
Static Level:		-3.0			
Final Level After Pumping:		48.0			
Recommended Pump Depth:					
Pumping Rate:		4.0			
Flowing Rate:		0.25			
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		72			
Pumping Duration MIN:					
Flowing:		Yes			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023602			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		61.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023616			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		24.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023613			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		38.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023620			
Test Type:		Recovery			
Test Duration:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		-3.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023624			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		-3.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023600			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023607			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023617			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		17.600000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023622			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		-3.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023610			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		48.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023611			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		48.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023612			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023615			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		272.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023618			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		9.300000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023603			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023604			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023619			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		1.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023623			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		-3.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023601			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		3			
Test Level:		3.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023606			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		26.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023609			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		46.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023614			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		33.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023621			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		-3.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023599			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		-1.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023605			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.600000381469727			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1010023608			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		44.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1010018959			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		48.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1010018960			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		86.0			
Water Found Depth UOM:		ft			
24	1 of 1	NNW/249.5	261.2 / -7.68	lot 23 con 5 ON	WWIS
Well ID:	4905464			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/15/1979
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3814
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	023
Depth to Bedrock:				Concession:	05
Well Depth:				Concession Name:	HS E
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (CHINGUACOUSY)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4905464.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/14/1978			
Year Completed:		1978			
Depth (m):		17.3736			
Latitude:		43.799025551207			
Longitude:		-79.8027211389755			
X:		-79.80272098861127			
Y:		43.799025549226066			
Path:		490\4905464.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10320197			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596314.50
Code OB Desc:				North83:	4850248.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	06/14/1978			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932050054			
Layer:		1			
Color:					
General Color:					
Material 1:		00			
Material 1 Desc:		UNKNOWN TYPE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932050055			
Layer:		2			
Color:					
General Color:					
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		50.0			
Formation End Depth:		57.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		964905464			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10868767			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930528359			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		50.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 Results of Well Yield Testing					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		994905464			
Pump Set At:					
Static Level:		40.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 Water Details					
Water ID:		933793495			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
25	1 of 20	E/249.9	254.1 / -14.81	Mayfield Golf Club Lot 21, Concession 5E ON	PTTW
EBR Registry No:	IA7E1780			Decision Posted:	
Ministry Ref No:	97P3033			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:				Act 1:	
Notice Date:	April 07, 1998			Act 2:	
Proposal Date:	December 04, 1997			Site Location Map:	
Year:	1997				
Instrument Type:	(OWRA s. 34) - Permit to Take Water				
Off Instrument Name:					
Posted By:					
Company Name:	Mayfield Golf Club				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	12552 Torbram Road, Caledon East Ontario, L0N 1E0				
Comment Period:					
URL:					
Summary:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Location Details:					
Lot 21, Concession 5E					
25	2 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 27-727 12552 TORBRAM ROAD CALEDON EAST ON L0N 1E0	GEN
Generator Info					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	93,94,95,96,97,98			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	9651
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	GOLF COURSES				
Waste Detail(s)					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
25	3 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 TORBRAM ROAD CALEDON EAST ON L0N 1E0	GEN
Generator Info					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	99,00,01,02,03			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	9651
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	GOLF COURSES				
Waste Detail(s)					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
Waste Detail(s)					
Waste Class:	251				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
25	4 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon East ON L0N 1E0	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	04,05,06,07,08			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	713910
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:	Golf Courses and Country Clubs				
<u>Waste Detail(s)</u>					
Waste Class:	251				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
<u>Waste Detail(s)</u>					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
25	5 of 20	E/249.9	254.1 / -14.81	Mayfield Golf Club 12552 Torbram Rd, Caledon, Town, Regional Municipality of Peel, L0N 1E0 TOWN OF CALEDON ON	PTTW
EBR Registry No:	010-2551			Decision Posted:	
Ministry Ref No:	0773-7AWJB9			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:				Act 1:	
Notice Date:	April 25, 2008			Act 2:	
Proposal Date:	March 14, 2008			Site Location Map:	
Year:	2008				
Instrument Type:	(OWRA s. 34) - Permit to Take Water				
Off Instrument Name:					
Posted By:					
Company Name:	Mayfield Golf Club				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	12552 Torbram Road, Caledon East Ontario, L0N 1E0				
Comment Period:					
URL:					
Summary:					
Site Location Details:					
12552 Torbram Rd, Caledon, Town, Regional Municipality of Peel, L0N 1E0 TOWN OF CALEDON					
25	6 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	2009			Contaminated Fac:	
Status:				MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PO Box No: Country: Co Admin: Phone No Admin: SIC Description:					
				SIC Code: 713910, 713910	
Golf Courses and Country Clubs, Golf Courses and Country Clubs					
<u>Waste Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	7 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON	GEN
<u>Generator Info</u>					
Generator No:		ON1715400		Choice of Contact:	
Approval Years:		2010		Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code: 713910, 713910	
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		Golf Courses and Country Clubs, Golf Courses and Country Clubs			
<u>Waste Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	8 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON	GEN
<u>Generator Info</u>					
Generator No:		ON1715400		Choice of Contact:	
Approval Years:		2011		Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code: 713910, 713910	
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		Golf Courses and Country Clubs, Golf Courses and Country Clubs			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Waste Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
25	9 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	2012			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	713910, 713910
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		Golf Courses and Country Clubs, Golf Courses and Country Clubs			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>Waste Detail(s)</u>					
Waste Class:		251			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			
25	10 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	2013			Contaminated Fac:	
Status:				MHSW Facility:	
PO Box No:				SIC Code:	713910, 713910
Country:					
Co Admin:					
Phone No Admin:					
SIC Description:		GOLF COURSES AND COUNTRY CLUBS, GOLF COURSES AND COUNTRY CLUBS			
<u>Waste Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
<u>Waste Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		251 OIL SKIMMINGS & SLUDGES			

25

11 of 20

E/249.9

254.1 / -14.81

Mayfield Golf Club

12552 Torbram Rd Lot 21 Concession 5E

Caledon ON L0N 1E0

PTTW

EBR Registry No:

012-2977

Decision Posted:

Ministry Ref No:

2211-9QJMCH

Exception Posted:

Notice Type:

Instrument Proposal

Section:

Notice Stage:

Act 1:

Notice Date:

Act 2:

Proposal Date:

November 05, 2014

Site Location Map:

Year:

2014

Instrument Type:

(OWRA s. 34) - Permit to take water

Off Instrument Name:

Posted By:

Company Name:

Site Address:

Location Other:

Proponent Name:

Proponent Address:

12552 Torbram Road, Caledon East Ontario, L0N 1E0

Comment Period:

URL:

Summary:

Site Location Details:

Mayfield Golf Course Address: 12552 Torbram Rd Lot 21 Concession 5E, Caledon, Town, Regional Municipality of Peel, L0N 1E0 District Office: Halton-Peel GeoReference: Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: Map, UTM Easting: 597704, UTM Northing: 4848892, , LIO GeoReference: Zone: 17, UTM Easting: 597599.44, UTM Northing: 4849647.5, Latitude: 43.79345, Longitude: -79.78686 Site #: 3704-7AWJCK Caledon East

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12 of 20

E/249.9

254.1 / -14.81

Mayfield Golf Club

PTTW

ON

EBR Registry No:

012-2977

Decision Posted:

Ministry Ref No:

2211-9QJMCH

Exception Posted:

Notice Type:

Instrument Decision

Section:

Notice Stage:

Act 1:

Notice Date:

February 03, 2015

Act 2:

Proposal Date:

November 05, 2014

Site Location Map:

Year:

2014

Instrument Type:

(OWRA s. 34) - Permit to Take Water

Off Instrument Name:

Posted By:

Company Name:

Mayfield Golf Club

Site Address:

Location Other:

Proponent Name:

Proponent Address:

12552 Torbram Road, Caledon East Ontario, L0N 1E0

Comment Period:

URL:

Summary:

Site Location Details:

Mayfield Golf Course Address: 12552 Torbram Rd Lot 21 Concession 5E, Caledon, Town, Regional Municipality of Peel, L0N 1E0 District Office: Halton-Peel GeoReference: Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: Map, UTM Easting: 597704, UTM Northing: 4848892, , LIO GeoReference: Zone: 17, UTM Easting: 597599.44, UTM Northing: 4849647.5, Latitude: 43.79345, Longitude: -79.78686 Site #: 3704-7AWJCK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Caledon East					
25	13 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON L7C2S7	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Contaminated Fac:	No
Status:				MHSW Facility:	No
PO Box No:				SIC Code:	713910, 713910
Country:	Canada				
Co Admin:	Lucy A DeLaat				
Phone No Admin:	905 843 2850 Ext.				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS, GOLF COURSES AND COUNTRY CLUBS				
<u>Waste Detail(s)</u>					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
<u>Waste Detail(s)</u>					
Waste Class:	251				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
25	14 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON L7C2S7	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	CO_OFFICIAL
Approval Years:	2015			Contaminated Fac:	No
Status:				MHSW Facility:	No
PO Box No:				SIC Code:	713910, 713910
Country:	Canada				
Co Admin:	Lucy A DeLaat				
Phone No Admin:	905 843 2850 Ext.				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS, GOLF COURSES AND COUNTRY CLUBS				
<u>Waste Detail(s)</u>					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
<u>Waste Detail(s)</u>					
Waste Class:	251				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
25	15 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Caledon ON L7C2S7					
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Contaminated Fac:	No
Status:				MHSW Facility:	No
PO Box No:				SIC Code:	713910, 713910
Country:	Canada				
Co Admin:	Lucy A DeLaat				
Phone No Admin:	905 843 2850 Ext.				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS, GOLF COURSES AND COUNTRY CLUBS				
<u>Waste Detail(s)</u>					
Waste Class:	251				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
<u>Waste Detail(s)</u>					
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				
25	16 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON L7C2S7	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	
Approval Years:	As of Dec 2018			Contaminated Fac:	
Status:	Registered			MHSW Facility:	
PO Box No:				SIC Code:	
Country:	Canada				
Co Admin:					
Phone No Admin:					
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:	251 L				
Waste Class Name:	Waste oils/sludges (petroleum based)				
<u>Waste Detail(s)</u>					
Waste Class:	252 L				
Waste Class Name:	Waste crankcase oils and lubricants				
25	17 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON L7C2S7	GEN
<u>Generator Info</u>					
Generator No:	ON1715400			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: As of Jul 2020 Status: Registered PO Box No: Country: Canada Co Admin: Phone No Admin: SIC Description:					
Contaminated Fac: MHSW Facility: SIC Code:					
Waste Detail(s)					
Waste Class: 252 L Waste Class Name: Waste crankcase oils and lubricants					
Waste Detail(s)					
Waste Class: 251 L Waste Class Name: Waste oils/sludges (petroleum based)					
25	18 of 20	E/249.9	254.1 / -14.81	Mayfield Golf Course Inc. 12552 Torbram Road Caledon, ON L7C 2S7 Canada ON	PTTW
EBR Registry No: 019-1091 Ministry Ref No: 2844-BJWK2N Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: December 23, 2019 Year: 2019 Instrument Type: Permit to take water Off Instrument Name: Permit to Take Water (OWRA s. 34) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: 12552 Torbram Road Caledon, ON L7C 2S7 Canada Location Other: Proponent Name: Mayfield Golf Course Inc. Proponent Address: Mayfield Golf Course Inc. 12552 Torbram Road Caledon, ON L7C 2S7 Canada Comment Period: December 23, 2019 - January 22, 2020 (30 days) Closed URL: https://ero.ontario.ca/notice/019-1091 Summary:					
Decision Posted: June 25, 2020 Exception Posted: Section: Section 34 Act 1: Ontario Water Resources Act, R.S.O. 1990 Act 2: Ontario Water Resources Act Site Location Map: 43.793169,-79.786716					
Site Location Details: Lot 21, Concession 5E					
25	19 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON L7C2S7	GEN
Generator Info					
Generator No: ON1715400 Approval Years: As of Nov 2021 Status: Registered PO Box No: Country: Canada Co Admin: Phone No Admin:					
Choice of Contact: Contaminated Fac: MHSW Facility: SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
<u>Waste Detail(s)</u>					
Waste Class:		251 L			
Waste Class Name:		Waste oils/sludges (petroleum based)			
<u>Waste Detail(s)</u>					
Waste Class:		252 L			
Waste Class Name:		Waste crankcase oils and lubricants			

25	20 of 20	E/249.9	254.1 / -14.81	MAYFIELD GOLF COURSE INC. 12552 Torbram Rd Caledon ON L7C2S7	GEN
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Generator Info

Generator No:	ON1715400	Choice of Contact:	
Approval Years:	As of Oct 2022	Contaminated Fac:	
Status:	Registered	MHSW Facility:	
PO Box No:		SIC Code:	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

Waste Detail(s)

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

2017 Generator Info

Gen No:	ON1715400	Choice of Contact:	CO_OFFICIAL
ID:	7639	Phone No Official:	905 843 1626 Ext.
Contaminated Fac:	N	Phone No Admin:	905 843 2850 Ext.
MHSW Facility:	N	County Ont:	PEEL (R. M.)
NAICS Code1:	713910	County Out:	
NAICS Code2:	713910	District:	305
NAICS Code3:			
Gen Name:	MAYFIELD GOLF COURSE INC.		
Gen Div:			
Gen Op Name:	MAYFIELD GOLF COURSE INC.		
Gen Op Div:			
Site Adrs1:	12552 Torbram Rd		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Caledon		
Province Out:			
Site Postal Code:	L7C2S7		
Site Country:	Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Official:		Greg J DeLaat			
Co Admin:		Lucy A DeLaat			
<u>2018 Generator Info</u>					
Gen No:	ON1715400			Choice of Contact:	CO_OFFICIAL
ID:	7447			Phone No Official:	905 843 1626 Ext.
Contaminated Fac:	N			Phone No Admin:	905 843 2850 Ext.
MHSW Facility:	N			County Ont:	PEEL (R. M.)
NAICS Code1:	713910			County Out:	
NAICS Code2:	713910			District:	305
NAICS Code3:					
Gen Name:	MAYFIELD GOLF COURSE INC.				
Gen Div:					
Gen Op Name:	MAYFIELD GOLF COURSE INC.				
Gen Op Div:					
Site Adrs1:	12552 Torbram Rd				
Site Bldg:					
Site Pobox:					
Province In:	ONTARIO				
Site Adrs2:					
Site City:	Caledon				
Province Out:					
Site Postal Code:	L7C2S7				
Site Country:	Canada				
Co Official:	Greg J DeLaat				
Co Admin:	Lucy A DeLaat				
<u>2019 Generator Info</u>					
Gen No:	ON1715400			Choice of Contact:	CO_OFFICIAL
ID:	7231			Phone No Official:	905 843 1626 Ext.
Contaminated Fac:	N			Phone No Admin:	905 843 2850 Ext.
MHSW Facility:	N			County Ont:	PEEL (R. M.)
NAICS Code1:	713910			County Out:	
NAICS Code2:	713910			District:	305
NAICS Code3:					
Gen Name:	MAYFIELD GOLF COURSE INC.				
Gen Div:					
Gen Op Name:	MAYFIELD GOLF COURSE INC.				
Gen Op Div:					
Site Adrs1:	12552 Torbram Rd				
Site Bldg:					
Site Pobox:					
Province In:	ONTARIO				
Site Adrs2:					
Site City:	Caledon				
Province Out:					
Site Postal Code:	L7C2S7				
Site Country:	Canada				
Co Official:	Greg J DeLaat				
Co Admin:	Lucy A DeLaat				
<u>2020 Generator Info</u>					
Gen No:	ON1715400			Choice of Contact:	CO_OFFICIAL
ID:	6988			Phone No Official:	905 843 1626 Ext.
Contaminated Fac:	N			Phone No Admin:	905 843 2850 Ext.
MHSW Facility:	N			County Ont:	PEEL (R. M.)
NAICS Code1:	713910			County Out:	
NAICS Code2:	713910			District:	305
NAICS Code3:					
Gen Name:	MAYFIELD GOLF COURSE INC.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gen Div:					
Gen Op Name:		MAYFIELD GOLF COURSE INC.			
Gen Op Div:					
Site Adrs1:		12552 Torbram Rd			
Site Bldg:					
Site Pobox:					
Province In:		ONTARIO			
Site Adrs2:					
Site City:		Caledon			
Province Out:					
Site Postal Code:		L7C2S7			
Site Country:		Canada			
Co Official:		Greg J DeLaat			
Co Admin:		Lucy A DeLaat			

2021 Generator Info

Gen No:	ON1715400	Choice of Contact:	CO_OFFICIAL
ID:	6815	Phone No Official:	905 843 1626 Ext.
Contaminated Fac:	N	Phone No Admin:	905 843 2850 Ext.
MHSW Facility:	N	County Ont:	PEEL (R. M.)
NAICS Code1:	713910	County Out:	
NAICS Code2:	713910	District:	305
NAICS Code3:			
Gen Name:	MAYFIELD GOLF COURSE INC.		
Gen Div:			
Gen Op Name:	MAYFIELD GOLF COURSE INC.		
Gen Op Div:			
Site Adrs1:	12552 Torbram Rd		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	Caledon		
Province Out:			
Site Postal Code:	L7C2S7		
Site Country:	Canada		
Co Official:	Greg J DeLaat		
Co Admin:	Lucy A DeLaat		

Unplottable Summary

Total: **8** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	REGIONAL MUNICIPALITY OF PEEL	LOT 20, CONC. 5 EHS, PUMP FAC.	CALEDON TOWN ON	
CA	Mono Mills Well No. 5	Lot 20, Concession 5	Caledon ON	
GEN	JAMES DICK CONSTRUCTION LIMITED 22-356	EW 1/2 LOT 20, CONC 5, TOWN OF CALEDON C/O P.O. BOX 470	BOLTON ON	L7E 5T4
GEN	JAMES DICK CONSTRUCTION LIMITED	EW 1/2 LOT 20, CONC 5, TOWN OF CALEDON C/O P.O. BOX 470	BOLTON ON	L7E 5T4
GEN	JAMES DICK CONSTRUCTION LIMITED	EW 1/2 LOT 20, CONC 5,	TWP. OF CALEDON ON	L0N 1E0
GEN	JAMES DICK CONSTRUCTION LIMITED	EAST-WEST HALF OF LOT 20, CONCESSION 5	CALEDON TOWNSHIP ON	L0N 1E0
GEN	JAMES DICK CONSTRUCTION LIMITED	EAST-WEST HALF OF LOT 20, CONCESSION 5	CALEDON TOWNSHIP ON	L0N 1E0
PTTW	Ducks Unlimited	East 1/2 Lot 20, Concession 5	ON	

Unplottable Report

Site: REGIONAL MUNICIPALITY OF PEEL
LOT 20, CONC. 5 EHS, PUMP FAC. CALEDON TOWN ON

Database:
CA

Certificate #: 8-3320-91-
Application Year: 91
Issue Date: 2/4/1992
Approval Type: Industrial air
Status: Approved in 1992
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL 60KW STANDBY DIESEL GENERATOR
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: Mono Mills Well No. 5
Lot 20, Concession 5 Caledon ON

Database:
CA

Certificate #: 8730-5BXQ5L
Application Year: 02
Issue Date: 8/26/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: Amended CofA
Client Name: The Regional Municipality of Peel
Client Address: 10 Peel Centre Drive
Client City: Brampton
Client Postal Code: L6T 4B9
Project Description: This application is to amend the CofA to complete upgrades for Well No. 5 as described in Condition 5 of the CofA. The work to be completed under this project is to isolate Well No. 5 and abandon. Remove existing chlorination set up that includes injection into the Well No. 5 discharge header. Re-chlorinate the water entering this facility from the Caledon Village Booster Pumping Station via. the 100mm Dia. pipe. The chlorinated water is then conveyed to the Mono Mills standpipe.
Contaminants:
Emission Control:

Site: JAMES DICK CONSTRUCTION LIMITED 22-356
EW 1/2 LOT 20, CONC 5, TOWN OF CALEDON C/O P.O. BOX 470 BOLTON ON L7E 5T4

Database:
GEN

Generator Info

Generator No:	ON0662810	Choice of Contact:	
Approval Years:	94,95,96	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	0821
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	SAND & GRAVEL PITS		

Waste Detail(s)

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

Site: JAMES DICK CONSTRUCTION LIMITED
EW 1/2 LOT 20, CONC 5, TOWN OF CALEDON C/O P.O. BOX 470 BOLTON ON L7E 5T4

Database:
GEN

Generator Info

Generator No:	ON0662810	Choice of Contact:	
Approval Years:	89,90	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	0821
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	SAND & GRAVEL PITS		

Waste Detail(s)

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

Site: JAMES DICK CONSTRUCTION LIMITED
EW 1/2 LOT 20, CONC 5, TWP. OF CALEDON ON L0N 1E0

Database:
GEN

Generator Info

Generator No:	ON0662810	Choice of Contact:	
Approval Years:	92,93,97,98	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	0821
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	SAND & GRAVEL PITS		

Waste Detail(s)

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

Site: JAMES DICK CONSTRUCTION LIMITED
EAST-WEST HALF OF LOT 20, CONCESSION 5 CALEDON TOWNSHIP ON L0N 1E0

Database:
GEN

Generator Info

Generator No:	ON0662810	Choice of Contact:	
Approval Years:	02	Contaminated Fac:	
Status:		MHSW Facility:	
PO Box No:		SIC Code:	
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

Site: JAMES DICK CONSTRUCTION LIMITED
EAST-WEST HALF OF LOT 20, CONCESSION 5 CALEDON TOWNSHIP ON L0N 1E0

Database:
GEN

Generator Info

Generator No: ON0662810
Approval Years: 99,00,01,03
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: SAND & GRAVEL PITS

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 0821

Waste Detail(s)

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

Site: Ducks Unlimited
East 1/2 Lot 20, Concession 5 ON

Database:
PTTW

EBR Registry No: IA8E1267
Ministry Ref No: 86P3024
Notice Type: Instrument Decision
Notice Stage:
Notice Date: August 30, 2001
Proposal Date: September 08, 1998
Year: 1998
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Ducks Unlimited
Site Address:
Location Other:
Proponent Name:
Proponent Address: Barrie Division, 566 Welham Road, Barrie Ontario, L4M 6E7
Comment Period:
URL:
Summary:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

East 1/2 Lot 20, Concession 5

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Nov 2024

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-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -May 2024

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-Nov 2024

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Nov 30, 2024

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2024**Delisted Fuel Tanks:**

Provincial

[DTNK](#)

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

Government Publication Date: Oct 2023**Environmental Activity and Sector Registry:**

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Oct 31, 2024**Environmental Registry:**

Provincial

[EBR](#)

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

Government Publication Date: 1994 - Nov 30, 2024**Environmental Compliance Approval:**

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011-Oct 31, 2024**Environmental Effects Monitoring:**

Federal

[EEM](#)

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

Government Publication Date: 1992-2007***ERIS Historical Searches:**

Private

[EHS](#)

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

Government Publication Date: 1999-Aug 31, 2024**Environmental Issues Inventory System:**

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2023

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Oct 2023

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Nov 2024

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Nov 30, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Apr 2024

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2024

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

[NPR2](#)

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

Government Publication Date: Feb 2024**National Pollutant Release Inventory - Historic:**

Federal

[NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

[OGWE](#)

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

Government Publication Date: 1988-May 31, 2024**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

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

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

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Nov 30, 2024

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011-Oct 31, 2024

Ontario PFAS Spills:

Provincial

PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. 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-Mar 2024; May 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Feb 2024

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR:

Provincial

PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994 - Nov 30, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

Government Publication Date: 1988-Jun 2024; Aug 2024; Oct 2024

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970 - Apr 2024

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: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERI'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 - Oct 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

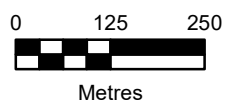
Appendix E Other Government Records

Appendix F Aerial Photographs



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments

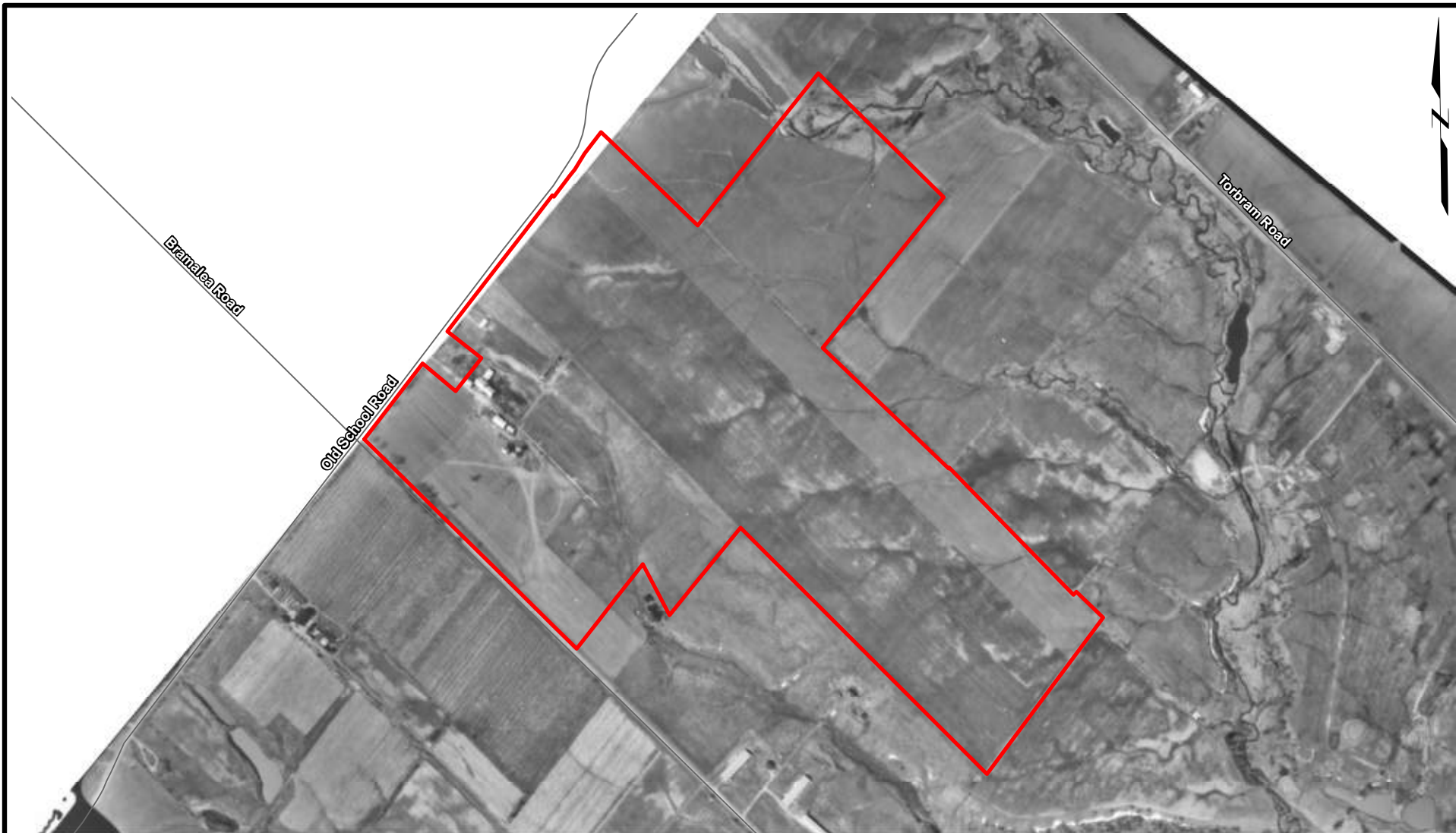


Project 2407688

1967 AERIAL PHOTOGRAPH

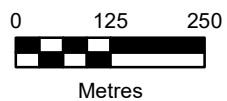
February 2025

Fig. F1



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments



Project 2407688

1978 AERIAL PHOTOGRAPH

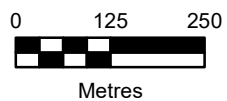
February 2025

Fig. F2



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments

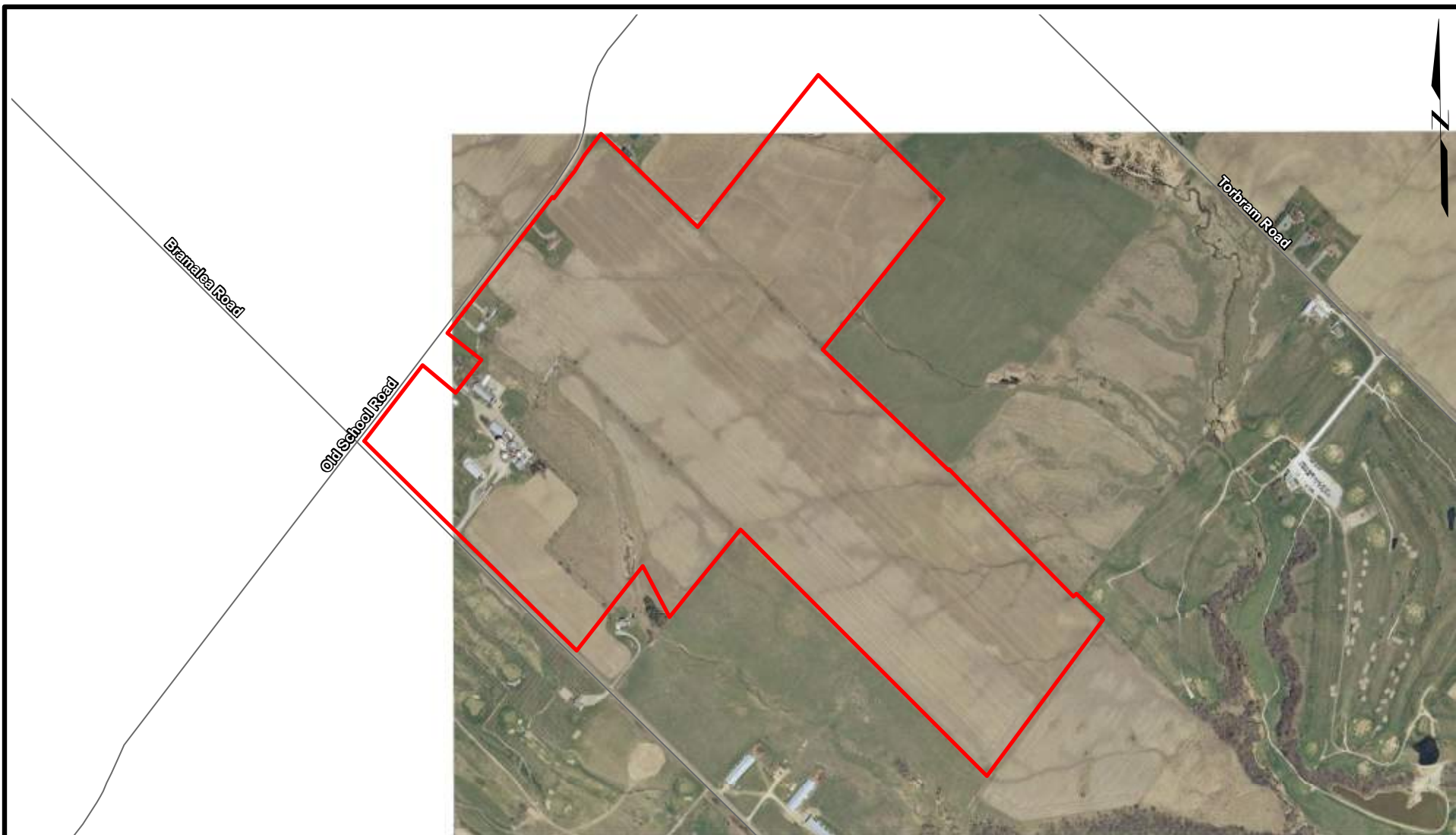


Project 2407688

1989 AERIAL PHOTOGRAPH

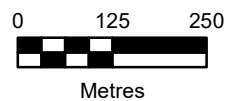
February 2025

Fig. F3



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments



Project 2407688

1999 AERIAL PHOTOGRAPH

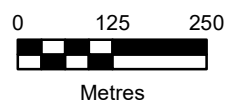
February 2025

Fig. F4



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments



Project 2407688

2001 AERIAL PHOTOGRAPH

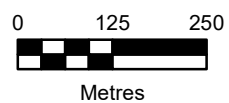
February 2025

Fig. F5



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments



Project 2407688

2011 AERIAL PHOTOGRAPH

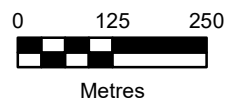
February 2025

Fig. F6



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments



Project 2407688

2017 AERIAL PHOTOGRAPH

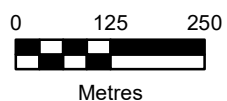
February 2025

Fig. F7



 Site Location
 Road

Reference(s):
 1. Coordinate System: NAD 1983 CSRS UTM Zone 17N.



Phase One ESA
Mayfield Tullamore

TACC Developments



Project 2407688

2022 AERIAL PHOTOGRAPH

February 2025

Fig. F8

Appendix G Site Photographs



PHOTOGRAPH 1

(GEI, 2025)

Description:

View of Old School Road, north adjacent, facing north.



PHOTOGRAPH 2

(GEI, 2025)

Description:

View of silo clusters and Building A and Building B.



PHOTOGRAPH 3

(GEI, 2025)

Description:

View of Building E



PHOTOGRAPH 4

(GEI, 2025)

Description:

View of the dug well located west of Building D, current source of potable water to the Site



PHOTOGRAPH 5

(GEI, 2025)

Description:

View of an
aboveground old
waste oil tank
located outside the
northern wall of
Building B (APEC 3)



PHOTOGRAPH 6

(GEI, 2025)

Description:

Stained area and
circular pit inferred to
be an abandoned dug
well inside the
maintenance shop -
north portion of
Building B (APEC 4).

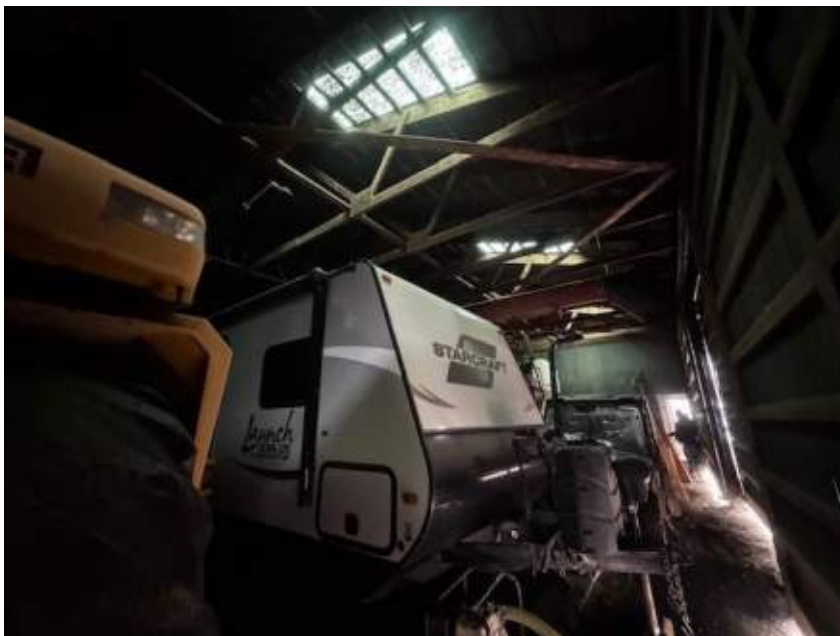


PHOTOGRAPH 7

(GEI, 2025)

Description:

View of the maintenance shop – north portion of the Building B.



PHOTOGRAPH 8

(GEI, 2025)

Description:

View of south portion of Building B, parked vehicles and various farm equipment.



PHOTOGRAPH 9

(GEI, 2025)

Description:

View of three (3) aboveground fuel oil tanks for refueling farm equipment (APEC 2).



PHOTOGRAPH 10

(GEI, 2025)

Description:

View of three (3) propane tanks located outside the Building B.



PHOTOGRAPH 11

(GEI, 2025)

Description:

View of hydraulic oil drums and plastic pails storing lubricant placed inside the maintenance shop-Building B on bare ground (APEC 5).



PHOTOGRAPH 12

(GEI, 2025)

Description:

View of portable, mobile diesel tank, located inside Building A.



PHOTOGRAPH 13

(GEI, 2025)

Description:

Bulk storage of liquid fertilizer in plastic vertical aboveground tanks located north side of Building A (APEC 6).



PHOTOGRAPH 14

(GEI, 2025)

Description:

View of bulk storage of granular/powder fertilizer inside Building A (APEC 7).



PHOTOGRAPH 15

(GEI, 2025)

Presence of pole mounted transformer located west of Building B and D (APEC 9, 10).



PHOTOGRAPH 16

(GEI, 2025)

View of the residential dwelling located at 5089 Old School Road, picture facing south.



PHOTOGRAPH 17

(GEI, 2025)

View inside the
basement of house
at 5089 Old School
Road.



PHOTOGRAPH 18

(GEI, 2025)

View of the back
side of residential
dwelling at 5089
Old School Road,
facing northeast.

PHOTOGRAPH 19

(GEI, 2025)

View of the residential dwelling located at 5101 Old School Road, facing northeast.



PHOTOGRAPH 20

(GEI, 2025)

View of the basement of the house located at 5155 Old School Road, facing northeast

