Phase One Environmental Site Assessment

10249 Hunsden Sideroad, Caledon, Ontario

Submitted to:
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Issues and Revisions Registry

Identification	Date	Description of Issued and/or Revision
First Submission	June 1, 2021	Phase One ESA

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Executive Summary

GEI Consultants Ltd. (GEI) was retained by Mr. Rob Fernicola (the "Client"), to complete a Phase One Environmental Site Assessment (ESA) at 10249 Hunsden Sideroad (hereinafter referred to as the "Site"). It is understood that a Phase One ESA is required for re-development for residential uses and is to be prepared in accordance with the Ontario Ministry of the Environment, Conservation and Parks (MECP) Regulation 153/04 (O.Reg.153/04), as amended.

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 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.

The Site is located southeast of Hunsden Sideroad, northeast of Mount Pleasant Road, and southwest of Mount Wolfe Road in Caledon, Ontario, as shown on Figure 1. The Site measures approximately 216,000 m^2 (21.6 Ha) in size and is currently occupied by one (1) residential home. The Site building footprint is approximately 290 m^2 and occupies approximately 0.13% of the Site. The Site is currently partially wooded and partially cleared. Based on the aerial photographs and information provided by the Site Representative, a residential dwelling was constructed in the northmost corner of the property in 1976.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the Site. However, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards. Based on the Phase One ESA findings, the following information is provided in support of the Qualified Person's conclusion.

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

A total of two (2) potentially contaminating activities (PCAs) were identified within the Phase One Study Area:

1. The presence and condition of an Above Ground Storage Tank (AST) at the Site was assessed during the Site reconnaissance. GEI observed the presence of potential vent pipes of a previously existing AST at the front northern side of the residential dwelling at the time of the Site reconnaissance. This indicates that there is the potential for a previously existing AST associated with PCA#28 – Gasoline and Associated Products in Fixed Tanks.
    a. The Site representative stated that the home was historically heated with heating oil fuel. Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST.

b. Based on the description of the AST, the associated PCA is not contributing to an APEC at the Site.

2. The past agricultural use of the site is potentially associated with pesticide application. This pesticide application is associated with PCA#40 – Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.

    a. Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale. As such, it is of the opinion of the QP that the PCA pertaining to historical agricultural use is not of concern.

As such, no APECs were identified.

Rationale outlining whether a PCA contributed to an APEC at the Site is summarized below and provided in Table III.

PCA Identifier	Address	PCA	PCA Location	Contributing to APEC at the Site?	Rationale
1.	10249 Hunsden Sideroad, Caledon, ON L7E 3N5	Heating Oil AST (PCA#28 - Gasoline and Associated Products in Fixed Tanks)	On-Site	No	Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST.
2.	10249 Hunsden Sideroad, Caledon, ON L7E 3N5	Past Agricultural Use PCA#40 – Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.	On-Site	No	Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale.

Areas of Potential Environmental Concern

APEC	Location of APEC on Phase One Property	PCA	PCA Details	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
No APECs were identified.						

Based on the findings and conclusions of the Phase One ESA, a Phase Two ESA is not required to assess the soil and groundwater conditions at the Site.

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 Ltd. (GEI) was retained by Mr. Rob Fernicola (the "Client"), to complete a Phase One Environmental Site Assessment (ESA) at 10249 Hunsden Sideroad in Caledon, Ontario (hereinafter referred to as the "Site"). It is understood that a Phase One ESA is required for re-development for residential uses and is to be prepared in accordance with the Ontario Ministry of the Environment, Conservation and Parks (MECP) Regulation 153/04 (O.Reg.153/04), as amended.

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 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

The Site is located southeast of Hunsden Sideroad, northeast of Mount Pleasant Road, and southwest of Mount Wolfe Road in Caledon, Ontario, as shown on Figure 1. The Site measures approximately 216,000 m^2 (21.6 Ha) in size and is currently occupied by one (1) residential home. The Site building footprint is approximately 290 m^2 and occupies approximately 0.13% of the Site.

The Site is bound by Hunsden Sideroad followed by residential properties to the north and west, agricultural lands and wooded areas to the east and south, and residential properties followed by Mount Pleasant Road to the south and west. The surrounding properties are shown on Figure 2.

The legal description of the Site as obtained from the legal survey is "Part Lot 25, Concession 9 Albion; Part Lot 26 Concession 9 Albion; Part Road Allowance Between Lots 25 & 26 Concession 9 Albion as closed by bylaw VS386088; Confirmed by BA192 as in VS498789; Together with VS388271; Caledon; Subject to 87-05047, if enforceable". The Property Identification Number (PIN) is part of 14304-0024 (LT). A legal survey plan will be provided in Appendix B upon completion of the survey.

Table 1-1: Site Information

Site Details	
Municipal Addresses	10249 Hunsden Sideroad, Caledon, Ontario
Current Owner	[redacted]
Owner Contact Person	Mr. Rob Fernicola
Owner Contact Address	55 Queen Street North, Bolton, Ontario L7E 1C1
Legal Description	Part Lot 25, Concession 9 Albion; Part Lot 26 Concession 9 Albion; Part Road Allowance Between Lots 25 & 26 Concession 9 Albion as closed by bylaw VS386088; Confirmed by BA192 as in VS498789; Together with VS388271; Caledon; Subject to 87-05047, if enforceable.

Site Details	
Property Identification Number (PIN)	14340-0024 (LT)
Property Size	216,000 m^2 (21.6 Ha)
Approximate Universal Transverse Mercator (UTM) coordinates	Zone: 17 Easting: 596004.36 Northing: 4869025.37 (1m, NAD83, QGIS)

2. Scope of Investigation

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

a) Reviewing the historical occupancy of the Site through the use of available archived and relevant municipal and business directories, Fire Insurance Plans (FIPs), topographical maps, and aerial photographs;

b) Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;

c) Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within a 250 meter (m) radius of the Site;

d) Reviewing available geological maps, well records and utility maps for the vicinity of the Site;

e) Obtaining and reviewing a chain of title and assessment rolls for the Site;

f) Reviewing available reports previously completed at the Site;

g) 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;

h) Conducting a Site reconnaissance in order to identify any land use practices that may have impacted the environmental condition of the Site;

i) 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,

j) 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. APECs and PCAs are defined in O.Reg.153/04, as amended.

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. Shirley Li, MEnvSc and Mr. Fernando Contento, P.Geo. 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 southeast of Hunsden Sideroad, northeast of Mount Pleasant Road, and southwest of Mount Wolfe Road in Caledon, Ontario. The Phase One Study Area consists of properties within a distance of 250 m from the Site boundaries. The Phase One Study Area is bound by:

a) Residential properties followed by Hunsden Sideroad to the north and northwest;

b) Agricultural fields and wooded areas to the east;

c) Wooded areas to the south; and,

d) Residential properties followed by Mount Pleasant Road to the southwest and west.

The surrounding properties within the Phase One Study Area predominantly consist of residential and agricultural land uses. All properties wholly or partly within 250 m from the Site boundaries as presented in Figure 2 were included in the Phase One Study Area.

3.1.2 First Developed Use Determination

Based on the reviewed records and the City Directory, the Site was first developed from vacant and undeveloped to residential and agricultural in 1976.

3.1.3 Fire Insurance Plans

A search was conducted at the Peel region Archives for available fire insurance plans (FIPs) covering the Site and/or lands within the Phase One Study Area. GEI also contracted Opta Information Intelligence to perform a search for FIPs, Property Underwriters Reports and Property Underwriters Plans within the Phase One Study Area. Based on the search, no FIPs, Property Underwriters Reports and Property Underwriters Plans within the Phase One Study Area were discovered. As a result, no PCAs as per O.Reg. 153/04 were identified.

The search results are attached in Appendix H.

3.2 Chain of Title

A chain of title was completed for the Site by Stewart Davey, an independent title searcher. The chronological Chain of Title provided to GEI is provided in Appendix D, summarized in Table II, and indicated the following entities associated with the ownership as part of the Site:

Year	Name of Owner
10249 Hunsden Sideroad – 14340-0024 (LT) Part of Lots 25 and 26, Concession 9 (Part of the original road allowance between Lots 25 and 26; Concession 9), Formerly Township of Albion, now Town of Caledon, Regional Municipality of Peel	
West Half of Lot 26	
Prior to 1820	The Crown
1820 to 1825	James G. Chevett
1825 to 1853	William Warren Baldwin
1853 to 1855	Harvey C.J. Quellton
1855 to 1857	John Brown
1857 to 1866	Simon Elliott
1866 to 1871	Robert W. Lowery (Laurey)
1871 to 1875	John Lowery
1875 to 1882	William Brown
1882 to 1922	Eli W. Ewart Estate of : William Brown
1922	Ezra Ewart
1922 - 1954	Wilfred L. Wilson (Sr)
West Half of Lot 25	
Chain #2	
Prior to 1854	The Crown
1854 to 1868	Kearn Horan (Horn)
1868 to 1895	John Horan
Chain #1	
1868 & 1895 to 1906	Michael Horan
Merge of Chains #1 & #2	
1906 to 1919	James Lipsett Lorne Lipsett
1919 to 1954	Wilfred L. Wilson (Sr.)
1954 to 1976	[redacted]
Merge of All Chains	
1976 to 1978	[redacted]
1978 to 2013	
2013 to Present	

Based on the review of the chain of title, no PCAs were identified:

3.3 Environmental Reports

No previous environmental reports were available to review.

3.4 Environmental Source Information

3.4.1 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 E. A summary of the significant findings is provided below.

3.4.1.1 Waste Disposal Sites

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

3.4.1.2 Boreholes (1875 to July 2018)

No records were identified for the Site. One (1) borehole record was identified within the Phase One Study Area which was advanced for a geological survey in 2004. The general stratigraphy of the Phase One Study Area as outlined in the borehole records consist of sand underlain by gravel.

3.4.1.3 Certificates of Approval (1985 to October 2011)

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

3.4.1.4 Ontario Regulation 347 Waste Generator Summary (1986 to November 2021)

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

3.4.1.5 Dry Cleaning Facilities (January 2004 to December 2019)

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

3.4.1.6 National Pollutant Release Inventory (1993 to May 2017)

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

3.4.1.7 Fuel Oil Spills and Leaks (Up to May 31, 2021) and TSSA Historic Incidents (2006 to June 2009)

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

3.4.1.8 Pesticide Register (October 2011 to January 2021)

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

3.4.1.9 Fuel Storage Tanks

The ERIS search included a search of the following databases:

a) Fuel Storage Tank (Up to May 2021)
b) Historic Fuel Storage Tank (Pre January 2010)
c) List of Expired Fuels Safety Facilities (Up to May 2020)
d) Delisted fuel Tanks (Up to May 2021)
e) Federal Identification Registry for Storage Tank Systems (Up to May 2018)
f) Private and Retail Fuel Storage Tanks (1989 to 1996)
g) Retail Fuel Storage Tanks (1999 to September 2021)
h) Commercial Fuel Oil Tanks (Up to May 2021)
i) Anderson's Storage Tanks (1915 to 1953)

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

3.4.1.10 Ontario Spills (1988 to September 2020; February 2021 to March 2021)

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

3.4.1.11 Scott's Manufacturing Directory (1992 to March 2011)

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

3.4.1.12 PCB Inventory

The ERIS search included a search of the following databases.

a) National PCB Inventory (1988 to 2008)
b) Inventory of PCB Storage Sites (1987 to Oct 2004; 2012 to Dec 2013)
c) Ontario Regulation 347 Waste Receivers Summary (1986 to 1990, 1992 to 2019)

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

3.4.1.13 Water Well Information System (1955 to September 2021)

Two (2) records were identified for the Site. The wells were installed in 1959 and 1976 and used for domestic water supply purposes to a depth of 19.8m bgs and 38.7m bgs, respectively. Seventeen (17) records were identified for the Phase One Study Area. The wells were installed between 1963 to 2018 for domestic water supply purposes. Fifteen (15) records were identified for the Phase One Study Area. The wells were installed between 1964 and 2020 for domestic water supply and observation, monitoring and test hole purposes to a maximum depth of 38 m bgs. Based on the well records, the general soil stratigraphy in the vicinity of the Site consisted of sand/clay underlain with limestone bedrock.

3.4.2 Municipal City Directories

A search for Polk's Halton/ Peel Regions, Ontario Criss-cross Directory (LAC) was completed by ERIS Canada in order to identify the occupancy history of the Site and properties within the Phase

One Study Area for potential environmental concerns. Based on the review of the directories, summarized in Appendix F, the properties within the Phase One Study Area were not listed and did not appear to be associated with any PCAs as per Table 2, Schedule D of O.Reg.153/04, as amended.

3.4.3 Ontario Ministry of Environment, Conservation and Parks Records

3.4.3.1 Ministry of Environment, Conservation and Parks (MECP)

The MECP was contacted through the Freedom of Information and Protection of Privacy Act (FOI) for copies of any records they had pertaining to the Site on May 30, 2022.

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 G.

3.4.3.2 Ministry of Environment, Conservation and Parks (MECP)

The ERIS report summarized in the Federal and Provincial Database Search section of the report included a summary of MECP databases. The databases include the following: MECP Environmental Bill of Rights (EBR), Environmental Activity and Sector Registry (EASR), Environmental Compliance Approval (ECA), 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.

3.4.4 Technical Standards and Safety Authority (TSSA)

A request was made to the TSSA by email on May 9, 2022 for information regarding fuel storage at the Site and the adjacent properties. A copy of the TSSA request is provided in Appendix G.

An email response from TSSA dated May 10, 2022 was received and is included in Appendix G. Based on the search results, no records were identified at the Site or the adjacent properties.

3.5 Physical Setting Sources

3.5.1 Aerial Photographs

Aerial photographs were obtained in order to review the development and land use history of the Site, as well as to the land in the immediate vicinity of the Site. Aerial photographs dated 1946 and 1988 were obtained from ERIS Canada. Aerial photographs dated 2004, 2015, and 2021 were obtained from Google Earth Pro. The aerial photographs were collected based on availability from the archives at available intervals to best capture the changes at the Site. GEI notes that at the time of this Phase One ESA, the 1946 aerial photograph was the earliest available photograph for the Site and 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 H.

Aerial Photograph Observations

Aerial Photograph Year	Observations
1946	a) The site is occupied primarily by cleared vegetative fields, and densely wooded areas. b) Hunsden Sideroad and Mount Pleasant Road have been developed.
1988	a) The site remains vacant and covered in vegetative fields and wooded areas. Reportedly a residential home was developed in the northern corner of the property in 1976. b) The surrounding properties are agricultural, with wooded areas expanding along the southern border of the site. c) A large pond has been constructed located to the north of the site adjacent to Hunsden Sideroad.
2004	a) The site appears to be occupied by a residential building located in the northmost corner of the site. b) Several residential buildings have been constructed along the northern side of Hunsdon Sideroad, in addition to southwest of the Site along Mount Pleasant Rd. c) A residential building has been constructed in the severed portion of the lot located on Hunsden Sideroad. d) The surrounding land is still primarily occupied by cleared agricultural land and wooded areas.
2015	a) A residential building has been constructed on the property adjacent to the site in the northeast direction. b) No other major changes were observed at the site or to the surrounding properties.
2021	a) A residential subdivision has been constructed northwest of the site adjacent to Mount Pleasant Road. b) A residential subdivision has been constructed southwest adjacent of the site off Mount Pleasant Road. c) No other major changes were observed at the site or to the surrounding properties.

Based on the review of the aerial photographs, no additional PCAs as per Table 2, Schedule D of O.Reg.153/04, as amended, were identified.

3.5.2 Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed on April 9, 2020:

a) Atlas of Canada – Toporama Topographic Map (Toporama)

b) Ontario Base Map (OBM)

c) 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)

d) Ontario Ministry of Energy, Northern Development and Mines website, Surficial Geology of Southern Ontario, 2010. (KML format)

e) 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:

a) The Site is at an elevation of approximately 290 metres above sea level (m asl), generally at the same elevation as properties to the north and south of the Site. The surrounding properties to the west are generally at a lower elevation and the properties to the east are generally at higher elevation than the Site. The Site consists of a downgradient slope towards the west.

b) One small tributary was identified to run through the property, flowing to Tottenham Pond located approximately 4.96km north of the site and into Beeton Creek. Gibson Lake and several interconnected ponds are located approximately 1.55km southwest of the site. The inferred shallow groundwater flow direction is likely towards the south/southwest.

c) The bedrock in the general area consists of limestone, dolostone, and siltstone, and is part of the Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member, Eastview Member.

d) The surficial geology of the Site is described as ice contact stratified deposits consisting of sand, gravel, minor silt, clay and till.

e) The physiography of the Site is within the Oak Ridges Moraine and is characterized as kame moraines.

3.5.3 Fill Material

Fill can be used to re-grade a property and to backfill excavations. Based on the historical records review, no excavations have been backfilled or re-graded on the property. Based on the Site reconnaissance, no indication of fill was detected. No PCAs were identified.

3.5.4 Water Bodies and Areas of Natural Significance

One small tributary was identified to run through the property, flowing to Tottenham Pond located approximately 4.96km north of the site and into Beeton Creek. Gibson Lake and several interconnected ponds are located approximately 1.55km southwest of the site. The inferred groundwater flow direction is likely towards the south/southwest

Based on the review of available resources from the Ministry of Natural Resources and County of Simcoe on May 9, 2022, no areas of natural significance were identified at the Site or within the Phase One Study Area.

3.5.5 Well Records

3.5.5.1 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 May 9, 2022, to identify if any wells exist on the Site or within the Phase One Study Area. Two (2) records were identified for the Site. The wells were installed in 1959 and 1976 and used for

domestic water supply purposes to a depth of 19.8m bgs and 38.7m bgs respectively. Fifteen (15) records were identified for the Phase One Study Area. The wells were installed between 1964 and 2020 for domestic water supply and observation, monitoring and test hole purposes to a maximum depth of 38 m bgs. Based on the well records, the general soil stratigraphy in the vicinity of the Site consisted of sand/clay underlain with limestone bedrock. It should be noted that the ERIS report identified two (2) well records for the Site and fifteen (15) well records within the Phase One Study Area.

3.5.5.2 Oil, Gas, and Salt Wells

A search of the Oil, Gas & Salt Resources Library (2014) website was completed to identify oil, gas and salt wells within the vicinity of the Site on April 4, 2022. The search of the website indicated there were no oil, gas or salt wells identified to be located at the Site or within the Phase One Study Area.

3.5.6 Record of Site Condition (RSC)

An 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, confirmatory sampling and a risk assessment. Upon completion of the necessary environmental Site assessments, an RSC for an assessed property can be filed with the MECP and added to the BESR database. This online, publicly available database can be searched to identify what properties may have potential environmental concerns. Based on the search of the MECP's BESR database completed by ERIS, no records were identified at the Site or within the Phase One Study Area.

3.6 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.

No Site operating records were available to review.

4. Interviews

An interview was conducted by GEI staff with the individual identified to be the most knowledgeable about both the current and historical Site uses. The interview was conducted during the Site reconnaissance in order to obtain information to assist in identifying details of potentially contaminating activities, potential contaminant pathways in, on, or below the Site, and areas of potential environmental concern. Any information provided during the interviews is presented alongside information from the Site reconnaissance in Section 5.

During the completion of this Phase One ESA, the following individual was interviewed:

a) [redacted] the property owner, who has known about the Site for at least [redacted] years.

Information obtained during the interview is provided below, in the relevant sections.

5. Site Reconnaissance

5.1 General Requirements

The Phase One ESA Site reconnaissance was conducted on April 20th, 2022 between 11:00 am and 1:00 pm by Mr. Blair Kimble. On the day of the Site reconnaissance, the weather was sunny (approximately 10°C).

The Site and the adjoining properties were observed from the Site and/or publicly accessible areas. Photographs documenting the Site visit are included in Appendix I.

5.2 Specific Observations at Phase One ESA Property

5.2.1 Site Description and Buildings

The Site is located southeast of Hunsden Sideroad, northeast of Mount Pleasant Road, and southwest of Mount Wolfe Road in Caledon, Ontario, as shown on Figure 1. The Site measures approximately 216,000 m^2 (21.6 Ha) in size and is currently occupied by one (1) one and a half-story residential building at 10249 Hunsden Sideroad. The Site building footprint is approximately 290 m^2 and occupies approximately 0.13% of the Site.

The site consists of cleared fields and wooded areas.

The Site is located within a mixed residential and agricultural area of Caledon, Ontario. The nearest surface water body is Gibson Lake which is located approximately 1.55 km northwest of the Site. A Site Location Map and Site layout Plan are shown in Figures 1 and 2, respectively.

The legal description of the Site as obtained from the legal survey is “Part Lot 25, Concession 9 Albion; Part Lot 26 Concession 9 Albion; Part Road Allowance Between Lots 25 & 26 Concession 9 Albion as closed by bylaw VS386088; Confirmed by BA192 as in VS498789; Together with VS388271; Caledon; Subject to 87-05047, if enforceable”. The Property Identification Number (PIN) is 14340-0024 (LT). A legal survey plan is provided in Appendix B.

One residential building is located on Site. The characteristics of the Site building is summarized below:

Building Part	Material Description
Exterior Wall	Brick

**It is important to note that due to COVID-19 restrictions, GEI was not permitted access to the interior of the building.

5.2.2 Heating and Cooling Systems

The Site building is cooled by standard air-conditioning units and heated by a natural gas fired furnace. Historically, the residential dwelling was heated with heating oil.

5.2.3 Site Utilities and Services

The Site utilities and services were identified at the Site based on the relevant utility infrastructure observed during the Site reconnaissance and are 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
Electricity	Hydro One	North and Northwest	Overhead hydro lines were observed along Hunsden Sideroad; hydro is anticipated to enter 10249 Hunsden Sideroad from the northernmost tip of the property.

5.2.4 Site Production and Manufacturing

No on-Site production or manufacturing processes were observed at the Site during the Site reconnaissance.

5.2.5 Mechanical Equipment

No mechanical equipment was observed at the Site during the Site reconnaissance.

5.2.6 Drains, Pits and Sumps

No drains, pits, sumps, or catch basins were observed at the Site during the Site reconnaissance.

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 any evidence of USTs during the Site reconnaissance. The Site Representative noted that there was no presence of any historical or current USTs on-Site.

5.2.7.2 Aboveground Storage Tanks (AST)

The presence/absence and condition (if present) of ASTs at the Site was assessed during the Site reconnaissance. GEI observed the presence of potential vent piping associated with heating oil fuel tanks (ASTs) at the northern side of the residential dwelling at the time of the Site

reconnaissance. The Site representative stated that the home was historically heated with heating oil fuel. Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST. The AST is associated with PCA#28 – Gasoline and Associated Products in Fixed Tanks.

Based on the description of the AST, no APECs were identified.

5.2.8 Water Wells

One (1) potable groundwater well, and one (1) observation well were observed on Site. Other potable monitoring well records within the Phase One Study area were noted by GEI, but not accessible as they are located on private residential property within the Phase One Study Area. No other monitoring wells or potable wells were observed on Site or within the Phase One Study Area during the Site reconnaissance.

5.2.9 Watercourse, Ditches or Standing Water

One (1) drainage pond was observed on site. Drainage ditches were observed on the northern adjacent roadway (Hunsden Sideroad). The nearest surface water body observed was Gibson Lake and several interconnected ponds are located approximately 1.55km southwest of the site.

5.2.10 Site Housekeeping

The Site appeared to be well maintained. No PCAs were identified.

5.2.11 Chemical Storage/Handling and Floor Condition

No household cleaning products were observed during Site reconnaissance. No other chemicals were observed at the Site during the GEI reconnaissance.

5.2.12 Areas of Stained Soil, Pavement or Stressed Vegetation

No signs of staining and stressed vegetation were observed in the vacant or wooded areas of the Site.

5.2.13 Fill and Debris

Fill can be used to re-grade a property and to backfill excavations. Based on the historical records review, no excavations have been backfilled or re-graded on the property. Based on the Site reconnaissance, no indication of fill or stockpiles were detected. No PCAs were identified.

5.2.14 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. No sources of active air emissions were noted at the Site or within the Phase One Study Area during the Site reconnaissance.

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.

Based on the records review and the Site reconnaissance, no significant sources of PCBs were present on the Site.

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.

Based on the Site Representative, records review and the Site reconnaissance, no significant sources of ACMs were present on the Site.

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.

Based on the Site Representative, records review and the Site reconnaissance, no significant sources of ODSs were present on 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 tinplate 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 existing residential home was erected in 1976, it is possible the existing building may contain small amounts of LBPs.

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 existing residential home was erected in 1976, it is possible the existing building may contain UFFI.

5.2.15.6 Mercury

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

As the existing residential home was erected in 1976, it is possible the existing building may contain items or paints with mercury.

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.

As there are no structures on the Site, no mould growth was observed in the visible areas of the Site during the Site reconnaissance.

As GEI did not enter the existing residential home due to COVID-19 restrictions, it is possible that mould may exist in the residential dwelling.

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 or 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.

5.2.15.9 Other Substances

No special attention substances (such as acrylonitrile or isocyanates) were observed to be present at the Site during the Site reconnaissance.

A thorough review of historical aerial photos and chain of title has indicated past agricultural use. As such, it is noted that pesticides may have been applied as part of general farming practices. The Site is associated with PCA#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications. Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale. As such, it is of the opinion of the QP that the PCA pertaining to historical agricultural use is not of concern.

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 properties within the Phase One Study Area 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	Residential, Hunsden Sideroad, Agricultural, Wooded
South	Residential, Wooded
East	Agricultural, Wooded
West	Residential, Agricultural, Wooded

The surrounding properties within the Phase One Study Area predominantly consist of residential and agricultural land uses. All properties wholly or partly within 250 m from the Site boundaries as presented in Figure 2 were included in the Phase One Study Area.

5.5 Written Description of Investigation

A reconnaissance of the Site was conducted by GEI to examine the exterior of any on-Site buildings and structures, and to examine the exterior portions of the Site. Access was not provided to the interiors of Site buildings. Mechanical equipment (including heating and cooling systems) was documented and characterized, as was any evidence of USTs and ASTs. The exterior portions of the Site were examined for evidence of utilities and related infrastructure; water wells; Site drainage and related infrastructure; stained areas; stressed vegetation; and, evidence of fill material.

The reconnaissance included an examination of all properties within the Phase One Study Area from public access ways to document and characterize PCAs, water bodies and areas of natural significance.

6. Review and Evaluation of Information

6.1 Current and Past Uses

Based on the reviewed records, the Site was first developed from vacant and undeveloped to residential and agricultural use in 1976.

A more detailed discussion of the Site history based on the available documentation is provided in the following sections of the report. The current and past ownership of the Site is summarized in Table II.

6.2 Potentially Contaminating Activities (PCAs)

A list of all the PCAs identified at the Site and within the Phase One Study Area is summarized below and included as Table III and on Figure 2. Based on the inferred groundwater flow direction to the south/southwest, the properties within the Phase One Study Area to the southwest and south of the Site are considered to be hydraulically downgradient of the Site; properties to the north and northeast are considered to be hydraulically upgradient of the Site; and the properties to the southeast, and northwest were considered to be hydraulically trans-gradient to the Site. Any PCAs located downgradient or trans-gradient of the Site are not considered to be contributing to an APEC on Site.

Furthermore, any PCAs located significantly distance (greater than 250 m) from the Site were considered to be too far to be contributing to an APEC on the Site.

Two (2) PCAs were identified:

1. The presence and condition of an ASTs at the Site was assessed during the Site reconnaissance. GEI observed the presence of potential vent pipes of a previously existing AST at the front northern side of the residential dwelling at the time of the Site reconnaissance. This indicates that there is the potential for a previously existing AST associated with PCA#28 – Gasoline and Associated Products in Fixed Tanks.
    a. The Site representative stated that the home was previously heated with heating oil fuel. Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST.
    b. Based on the description of the AST, the associated PCA is not contributing to an APEC at the Site.
2. The past agricultural use of the site is potentially associated with pesticide application. This pesticide application is associated with PCA#40 – Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.
    a. Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale. As such, it is of the opinion of

the QP that the PCA pertaining to historical agricultural use is not of concern. As such, no APECs were identified.

Rationale outlining whether a PCA contributed to an APEC at the Site is summarized below and provided in Table III.

PCA Identifier	Address	PCA	PCA Location	Contributing to APEC at the Site?	Rationale
1.	10249 Hunsden Sideroad, Caledon, ON L7E 3N5	Heating Oil AST (PCA#28 - Gasoline and Associated Products in Fixed Tanks)	On-Site	No	Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST.
2.	10249 Hunsden Sideroad, Caledon, ON L7E 3N5	Past Agricultural Use PCA#40 – Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.	On-Site	No	Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale.

No other PCAs that contribute to APECs were identified for the surrounding properties.

6.3 Areas of Potential Environmental Concern (APECs)

Based on the rationale provided in Table III, it is the opinion of the Qualified Person for Environmental Site Assessment (QP_{ESA}) that no PCAs may have contributed to, or may be contributing to, APECs at the Site.

APEC	Location of APEC on Phase One Property	PCA	PCA Details	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
No APECs were identified.						

6.4 Phase One ESA Conceptual Site Model

This section presents the Phase One Conceptual Site Model (P1CSM) 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 Surface Features

The Site is located southeast of Hunsden Sideroad, northeast of Mount Pleasant Road, and southwest of Mount Wolfe Road in Caledon, Ontario, as shown on Figure 1. The Site measures approximately 216,000 m^2 (21.6 Ha) in size and is currently occupied by one (1) one and a half-story residential building at 10249 Hunsden Sideroad. The Site building footprint is approximately 290 m^2 and occupies approximately 0.13% of the Site. The Site is located within a mixed residential and agricultural area of Caledon, Ontario.

The legal description of the Site as obtained from the legal survey is “Part Lot 25, Concession 9 Albion; Part Lot 26 Concession 9 Albion; Part Road Allowance Between Lots 25 & 26 Concession 9 Albion as closed by bylaw VS386088; Confirmed by BA192 as in VS498789; Together with VS388271; Caledon; Subject to 87-05047, if enforceable”. The Property Identification Number (PIN) is 14340-0024 (LT). A legal survey plan is provided in Appendix B.

The approximate Universal Transverse Mercator (UTM) coordinates for the Site centroid was NAS83 17 T – 596004.36 m E 4869025.37 m N. The UTM coordinates are based on measurements obtained from QGIS. The accuracy of the centroid is estimated to range from 1 m.

6.4.2 Surrounding Land Use

The Site is bound by Hunsden Sideroad followed by residential properties to the north and west, agricultural lands and wooded areas to the east and south, and residential properties followed by Mount. Pleasant Road to the south and west. The surrounding properties are shown on Figure 2.

6.4.3 Geological and Hydrogeological Conditions

The Site is at an elevation of approximately 290 metres above sea level (m asl), generally at the same elevation as properties to the north and south of the Site. The surrounding properties to the west are generally at a lower elevation and the properties to the east are generally at higher elevation than the Site. The Site consists of a downgradient slope towards the west. The surficial geology of the Site is described as ice contact stratified deposits consisting of sand, gravel, minor silt, clay and till. The bedrock in the general area consists of limestone, dolostone, and siltstone, and is part of the Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member, Eastview Member (Ordovician). The physiography of the Site is within the Oak Ridges Moraine and is characterized as kame moraines

One small tributary was identified to run through the property, flowing to Tottenham Pond located approximately 4.96km north of the site and into Beeton Creek. Gibson Lake and several

interconnected ponds are located approximately 1.55km southwest of the site. The inferred groundwater flow direction is likely towards the south/southwest

Based on the review of available resources from the Ministry of Natural Resources and County of Simcoe on April 4, 2022, no areas of natural significance were identified at the Site or within the Phase One Study Area.

6.4.4 *Underground Utilities*

The Site utilities and services were identified at the Site based on the relevant utility infrastructure observed during the Site reconnaissance and are 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
Electricity	Hydro One	North and Northwest	Overhead hydro lines were observed along Hunsden Sideroad; hydro is anticipated to enter 10249 Hunsden Sideroad from the northernmost tip of the property.

6.4.5 *Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs):*

A total of two (2) PCAs were identified within the Phase One Study Area:

PCA Identifier	Address	PCA	PCA Location	Contributing to APEC at the Site?	Rationale
1.	10249 Hunsden Sideroad, Caledon, ON L7E 3N5	Heating Oil AST (PCA#28 - Gasoline and Associated Products in Fixed Tanks)	On-Site	No	Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST.
2.	10249 Hunsden Sideroad, Caledon, ON L7E 3N5	Past Agricultural Use PCA#40 – Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing,	On-Site	No	Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides,

PCA Identifier	Address	PCA	PCA Location	Contributing to APEC at the Site?	Rationale
		Processing, Bulk Storage, and Large-Scale Applications.			fungicides, and anti-fouling agents on a large-scale.

However, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST. Based on the description of the AST, the associated PCA is not contributing to an APEC at the Site.

The past agricultural use of the site is potentially associated with pesticide application. Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale. As such, it is of the opinion of the QP that the PCA pertaining to historical agricultural use is not of concern and is not contributing to an APEC at the Site.

As such, no APECs were identified.

Areas of Potential Environmental Concern

APEC	Location of APEC on Phase One Property	PCA	PCA Details	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
No APECs were identified.						

7. Conclusions

Based on the findings and conclusions of the Phase One ESA, a Phase Two ESA is not required to assess the soil and groundwater conditions 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 the undersigned.

Yours truly,

GEI Consultants

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8. References

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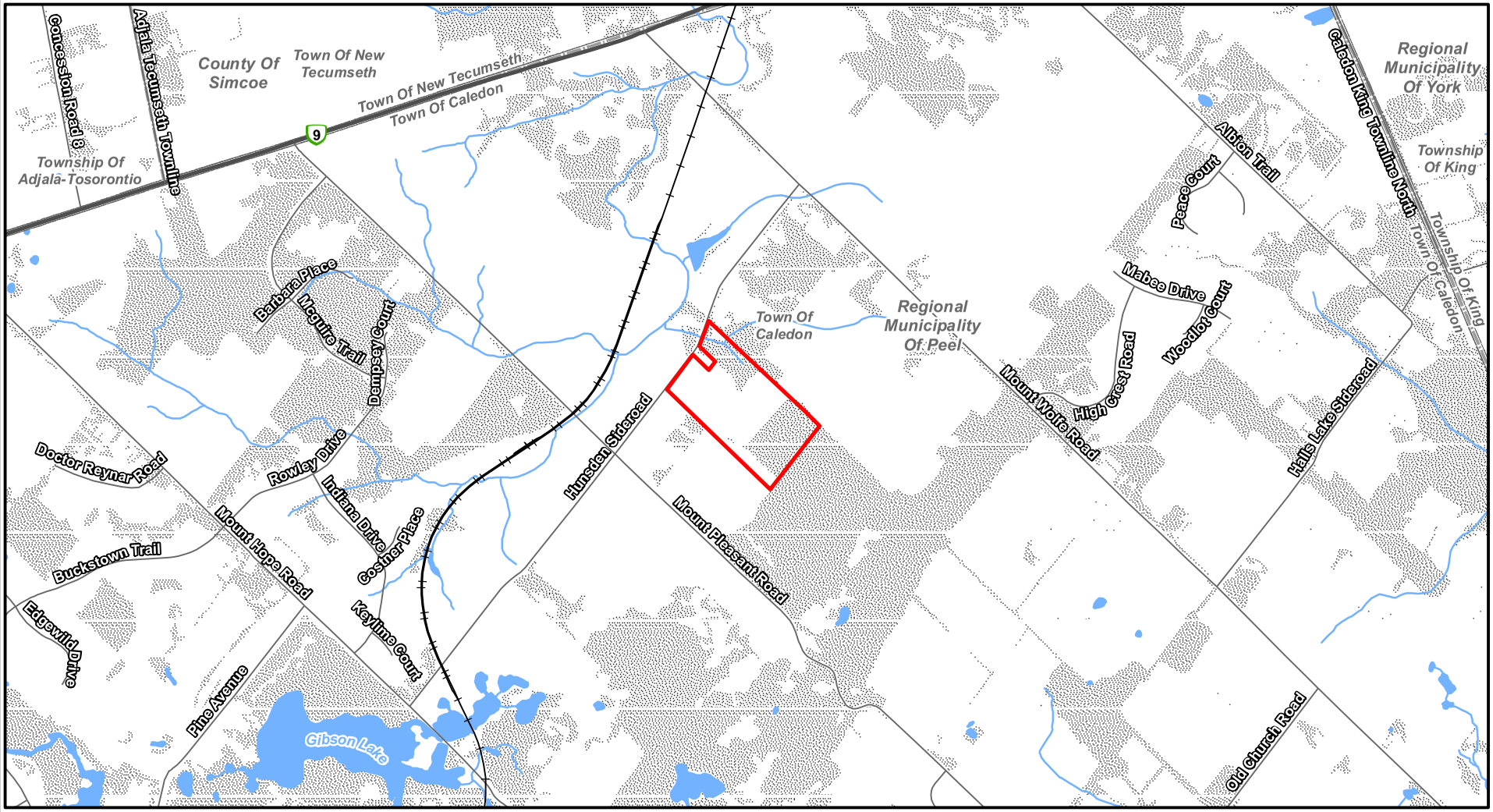
12. Topographic Map available at the Natural Resources Canada (NRC) website. Accessed online at http://atlas.gc.ca/toporama/en/

Figures



Legend

- Approximate Site Boundary
- Road
- Wooded Area
- Railway
- Watercourse
- Highway
- Waterbody

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.

0 320 640 m

1:25,000

N

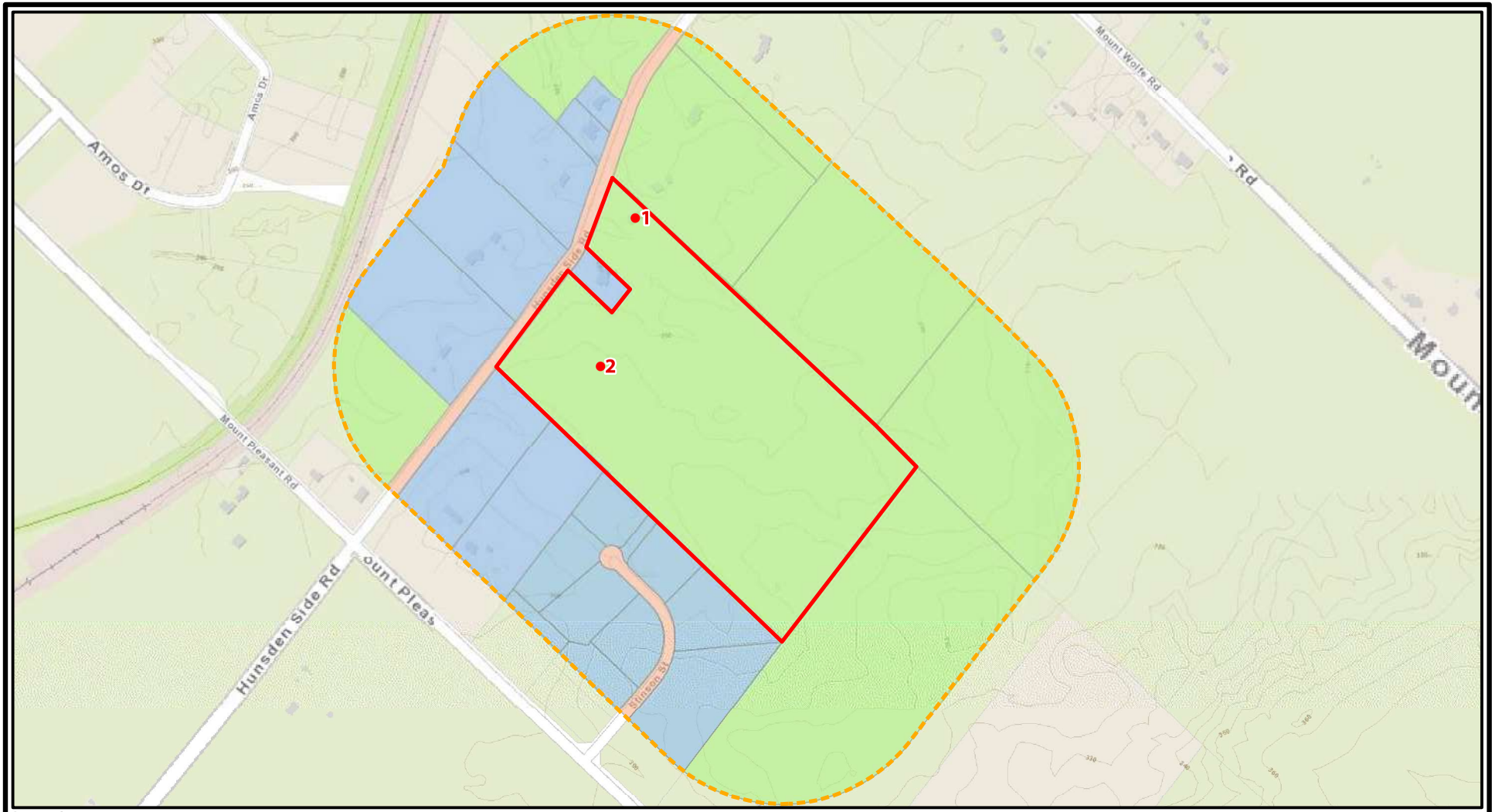
Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

SITE LOCATION PLAN

Project 2101948 | June 2022 | Fig. 1



Legend

- Approximate Site Boundary
- Phase One Study Area
- Agricultural/Other Land Use
- Community Land Use
- Residential Land Use
- PCA Identifier

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base feature image © City of Caledon, Caledon Maps, 2022.

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

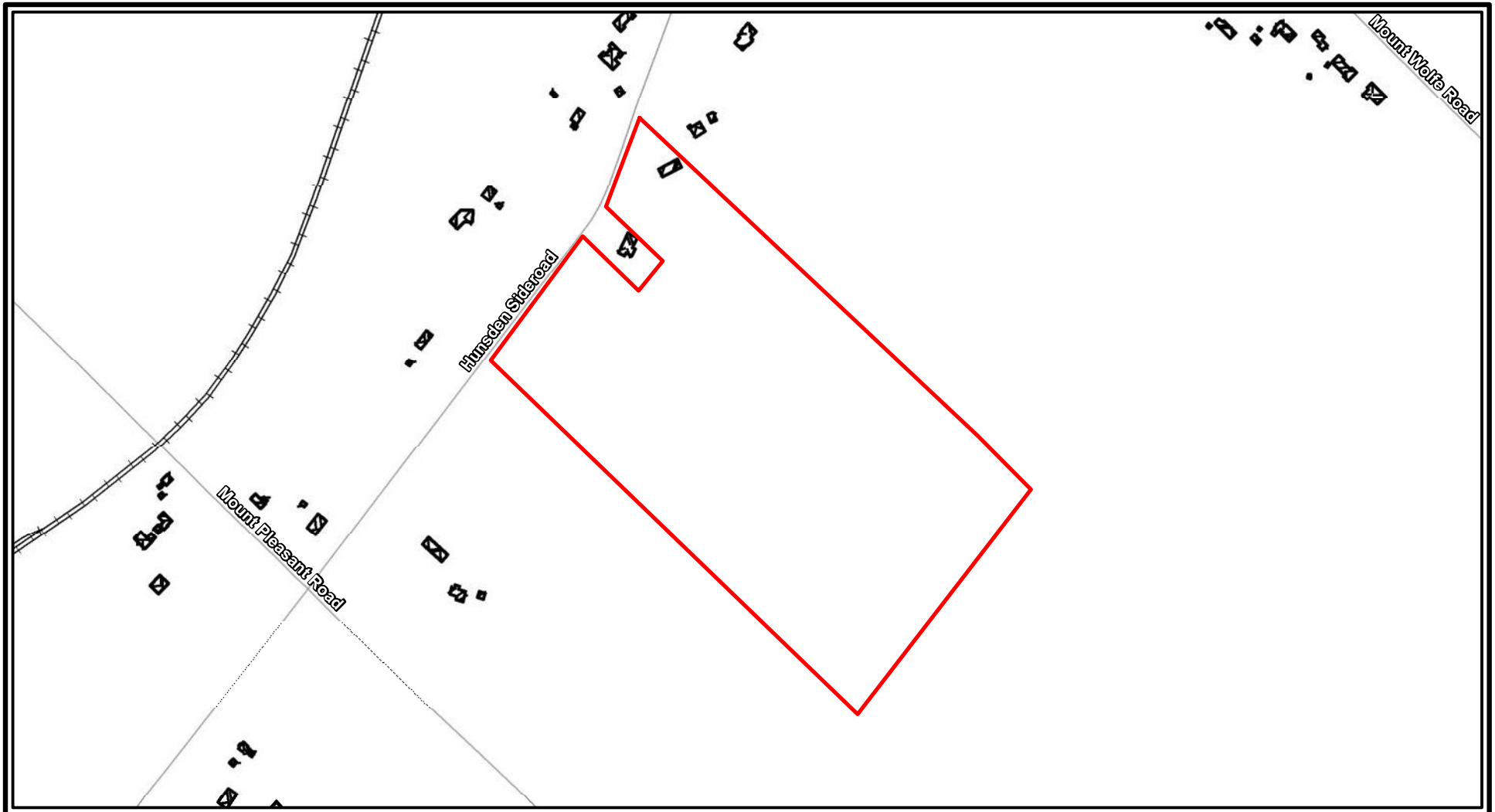
GEI Consultants

PHASE ONE STUDY AREA AND POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

Project 2101948

June 2022

Fig. 2



Legend

Approximate Site Boundary
Railway
Road
Building Location

- No APECs Were Identified -

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Building Outlines obtained from Region Of Peel via ArcGIS Online. Accessed May 2022.

0 80 160 m

1:7,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

SITE LAYOUT PLAN & AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)

Project 2101948 | June 2022 | Fig. 3

Tables

Table I

SITE ENVIRONMENTAL SETTING DATA 10249 Hunsden Sideroad, Caledon, Ontario	
NATIVE SOIL AND BEDROCK	
Type	Topsoil followed by native sand and clay underlain by limestone bedrock.
Hydraulic Conductivity	Unknown
Percent Sand	Unknown
Depth to Bedrock	Unknown
Bedrock Type	The bedrock in the general area consists of limestone, dolostone, and siltstone, and is part of the Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member, Eastview Member (Ordovician).
GROUND WATER	
Depth to Water Table	Unknown
Estimated or Measured	Unknown
Direction of Flow	South/Southwest
Estimated or Measured	Estimated
POTABLE WATER AND SEWERS	
Potable Water Source	Groundwater
Municipal Water Source	N/A
Distance to Nearest Municipal Water Well	None identified within Phase One Study Area
Distance to Nearest Private Water Well	0 m
Sanitary Sewage System	N/A – Septic
Storm Water System	N/A – Surface Runoff/Drainage
SURFACE WATER	
Name of Nearest Water Body	Gibson Lake
Distance from Site	1.55km northwest
Elevation Drop from Site	0 m
Direct Drainage from Site	No
GEI Consultants	**2200840**

Table II

TABLE OF CURRENT AND PAST LAND USES OF THE SITE (Refer to clause 16(2)(b), Schedule D, O.Reg.153/04) 10249 Hunsden Sideroad, Caledon, Ontario				
Year	**Name of Owner**	**Description of Property Use**	**Property Use**	**Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.**
10249 Hunsden Sideroad – 14340-0024 (LT)				
West Half of Lot 26				
Prior to 1820	The Crown	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1820 to 1825	James G. Chevett	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1825 to 1853	William Warren Baldwin	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1853 to 1855	Harvey C.J. Quellton	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1855 to 1857	John Brown	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1857 to 1866	Simon Elliott	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1866 to 1871	Robert W. Lowery (Laurey)	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1871 to 1875	John Lowery	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1875 to 1882	William Brown	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1882 to 1922	Eli W. Ewart Estate of : William Brown	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1922	Ezra Ewart	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.

TABLE OF CURRENT AND PAST LAND USES OF THE SITE (Refer to clause 16(2)(b), Schedule D, O.Reg.153/04) 10249 Hunsden Sideroad, Caledon, Ontario				
Year	**Name of Owner**	**Description of Property Use**	**Property Use**	**Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.**
1922 - 1954	Wilfred L. Wilson (Sr)	Vacant and Undeveloped	Agricultural or other use	Based on the 1947 aerial photograph: a) The site is occupied primarily by cleared vegetative fields, and densely wooded areas. b) Hunsden Sideroad and Mount Pleasant Road have been developed.
West Half of Lot 25				
Chain 2				
Prior to 1854	The Crown	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1854 to 1868	Kearn Horan (Horn)	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1868 to 1895	John Horan	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
Chain 1				
1868 & 1895 to 1906	Michael Horan	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
Merge of Chains 1 & 2				
1906 to 1919	James Lipsett Lorne Lipsett	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available prior to 1946.
1919 to 1954	Wilfred L. Wilson (Sr.)	Vacant and Undeveloped	Agricultural or other use	Based on the 1947 aerial photograph: a) The site is occupied primarily by cleared vegetative fields, and densely wooded areas. b) The site is vacant and undeveloped.
1954 to 1976	[redacted]	Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available between 1954 and 1976. Based on the Site Representative, the existing residential home was built in 1976.
1976 to 1978		Vacant and Undeveloped	Agricultural or other use	No FIP or aerial photograph coverage available between 1954 and 1976. Based on the Site Representative, the existing residential home was built in 1976.
1978 to 2013		A residential dwelling	Residential Use	Based on the city directories, the site at 10249 Hunsden Sideroad first appeared on the city directories in 2000 and was listed as residential. All other buildings on

TABLE OF CURRENT AND PAST LAND USES OF THE SITE

(Refer to clause 16(2)(b), Schedule D, O.Reg.153/04)

10249 Hunsden Sideroad, Caledon, Ontario

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
	[redacted]			Hunsden Sideroad and Mount Pleasant Road are also listed as residential. Based on the 1988 and 2004 aerial photographs: a) The site is occupied by a residential building located in the northmost corner of the site. b) The surrounding land has been developed for residential purposes. c) The site consists of cleared and wooded fields.
2013 to Present		A residential dwelling	Residential Use	Based on site reconnaissance conducted in 2022, the site is still occupied by a single residential dwelling and is occupied primarily by cleared and wooded fields.

Notes:

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

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

2 - When submitting a Record of Site Condition for filing, a copy at this table must be attached.

GEI Consultants **2200840**

Table III

POTENTIALLY CONTAMINATING ACTIVITIES (PCAs) (Refer to clause 16(2)(b), Schedule D, O.Reg.153/04) 10249 Hunsden Sideroad, Caledon, Ontario					
PCA Identifier	**Address**	**Location of Activity (In relation to Site)[1]**	**Potentially Contaminating Activity (PCA)[2]**	**Description and Approximate timeline that PCA Occurred**	**Contribution to APEC at the Site**
1.	10249 Hunsden Sideroad, Caledon, ON	On-Site	Heating Oil AST (PCA#28 - Gasoline and Associated Products in Fixed Tanks)	The presence and condition of an ASTs at the Site was assessed during the Site reconnaissance. GEI observed the presence of potential vent pipes of a previously existing AST at the front northern side of the residential dwelling at the time of the Site reconnaissance. The Site representative stated that the home was previously heated with heating oil fuel. Reportedly, the previously existing heating oil AST was located in the basement of the home and in good condition. Reportedly, no cracks, leaks, or signs of distress to the tank were observed. Additionally, no staining was reported in and around the AST. Based on the description of the AST and the subsequent removal activities, the associated PCA is not contributing to an APEC at the Site.	No
2.			Past Agricultural Use PCA#40 – Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.	The past agricultural use of the site is potentially associated with pesticide application. Based on the Site Representative and reviewed information, the Site has not been used to manufacture, process, bulk store, nor ever did apply pesticides, herbicides, fungicides, and anti-fouling agents on a large-scale. As such, it is of the opinion of the QP that the PCA pertaining to historical agricultural use is not of concern. As such, no APECs were identified.	No

POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

(Refer to clause 16(2)(b), Schedule D, O.Reg.153/04)

10249 Hunsden Sideroad, Caledon, Ontario

PCA Identifier	Address	Location of Activity (In relation to Site)[1]	Potentially Contaminating Activity (PCA)[2]	Description and Approximate timeline that PCA Occurred	Contribution to APEC at the Site

Notes:

(1) Distances are approximately only. Precise distances are not possible due to the age of some listings and the aggregation and/or loss of addresses.

(2) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg.153/04. as amended) which is occurring or has occurred in a Phase One Study Area.

GEI Consultants **2200840**

Table IV

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)
(Refer to clause 16(2)(b), Schedule D, O.Reg.153/04)
10249 Hunsden Sideroad, Caledon, 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)
No APECs Were Identified					

Notes:
1, Area of Potential Environmental Concern means the area on, in or under a phase one study area where one or more contaminants are potentially present, as determined through the P1 ESA, including through,
(a) Identification of post or present uses on, in or under the phase one property, and
(b) Identification of potentially contaminating activities.
2. Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area
3. When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs	PCB	Metals	Electrical Conductivity
CPs	PAHs	As, Sb, Se	Cr (VI)
1,4- Dioxane	THMs	Na	Hg
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury
OCs	BTEX	Cl-	high pH or low pH
PHCs	Ca	Mg	CN-

4. When submitting a record of site condition for filing, a copy of this table must be attached

SAR = Sodium Adsorption Ratio
PHCs = Petroleum Hydrocarbons
PCBs = Polychlorinated Biphenyl
(1) Distances are approximately only. Precise distances are not possible due to the age of some listings and the aggregation and/or loss of addresses.
(2) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg.153/04. as amended) which is occurring or has occurred in a Phase One Study Area.

GEI Consultants **2200840**

Appendix A

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

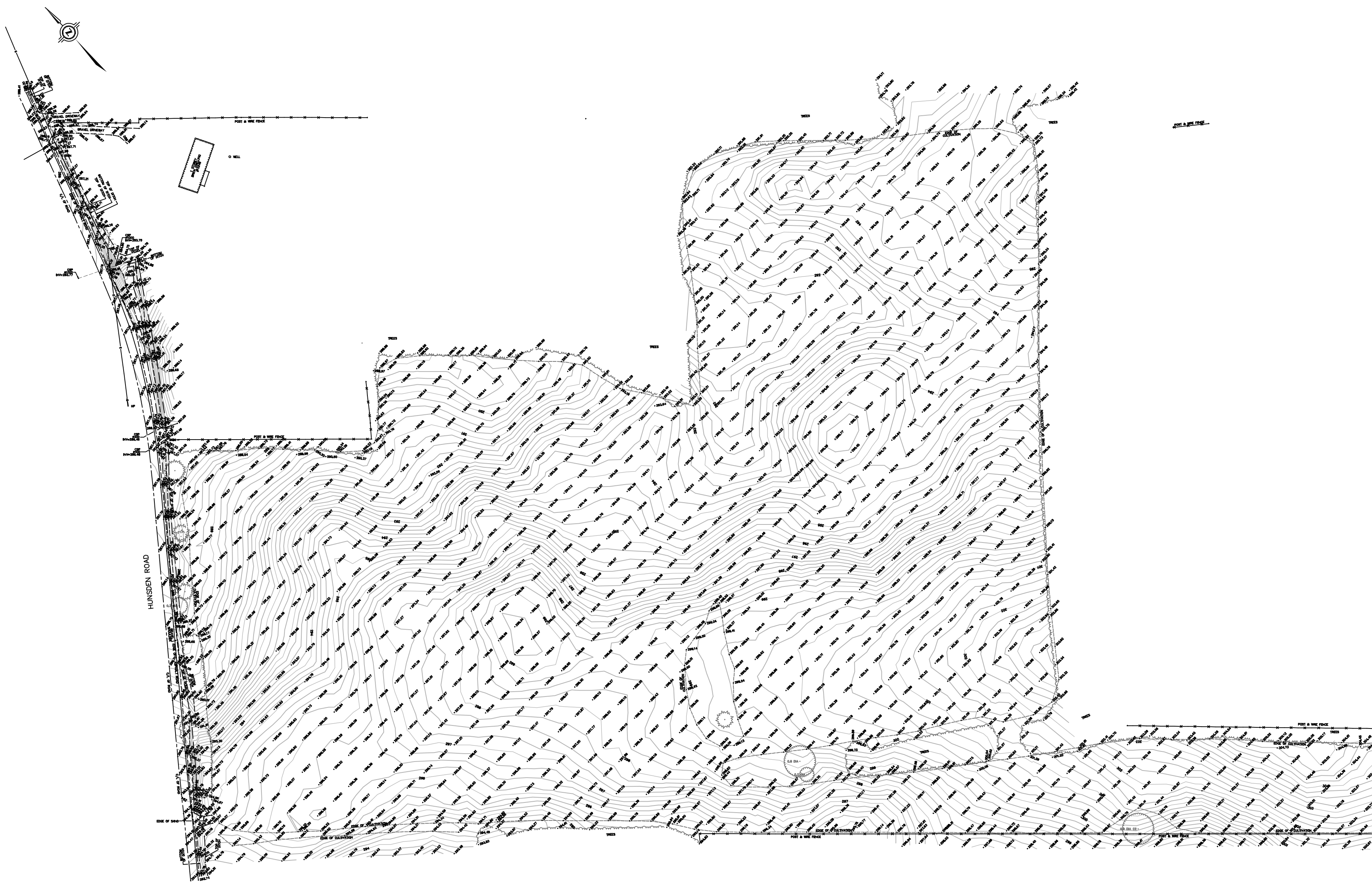
Limitation of Liability, Scope of Report, and Third Party Reliance

The information presented in this report is based on visual site inspection and following the general guidance provided in the O.Reg.153/04 and O.Reg.406/19 as amended. The objectives of the investigation were to evaluate the current environmental conditions of the subject property. The observations, conclusions and recommendations presented in this report are based on the site conditions existing at the time of GEI's site visit.

This report was prepared for the exclusive use of Carringwood Homes. GEI's consent is required to reproduce this report in whole or in part. GEI is not responsible for any decision made or reliance by a third party makes of this report. GEI is not responsible for any damages, suffered by a third-party as result of the use of this report.

Appendix B

Legal Survey Plan



TOPOGRAPHIC SKETCH OF
PART OF LOTS 25 AND 26
CONCESSION 9
AND
PART OF ROAD ALLOWANCE
BETWEEN LOTS 25 AND 26
CONCESSION 9
(GEOGRAPHIC TOWNSHIP OF ALBION)
CITY OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SCALE 1 : 500

10 0 10 20 30 metres

J.D. BARNES LIMITED

METRIC DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

ELEVATION NOTE

ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE MINISTRY OF NATURAL RESOURCES BENCHMARKS:
No. 00820108111
ELEVATION=286.633m
No. 00820108113
ELEVATION=290.087m

LEGEND

·	HP	DENOTES HYDRO POLE
▭	PED	DENOTES TELEPHONE PEDESTAL
•	WELL	DENOTES WELL
	CSP	DENOTES CORRUGATED STEEL PIPE
—E—		DENOTES OVERHEAD HYDRO CABLE
		DENOTES CONIFEROUS TREE DIA=DIAMETER OF TRUNK IN METRES
		DENOTES DECIDUOUS TREE DIA=DIAMETER OF TRUNK IN METRES

BEFORE DIGGING, UNDERGROUND SERVICES SHOULD BE LOCATED ON SITE BY THE RESPECTIVE AGENCIES.

IT IS THE RESPONSIBILTITY OF THE CONTRACTOR TO VERIFY THAT LOCAL BENCHMARKS HAVE NOT BEEN ALTERED OR DISTURBED AND THAT THE RELATIVE ELEVATIONS AGREE WITH THE INFORMATION SHOWN ON THIS PLAN.

PRIMARY CONTOURS ARE AT 1.00m INTERVALS.
SECONDARY CONTOURS ARE AT 0.25m INTERVALS.

SURVEY COMPLETED ON THE 22 DAY OF MARCH, 2022.

J.D.BARNES LIMITED
SURVEYING MAPPING GIS
LAND INFORMATION SPECIALISTS
401 WHEELABRATOR WAY, SUITE A, MILTON, ON L9T 3C1
T: (905) 875-9955 F: (905) 875-9956 www.jdbarnes.com

DRAWN BY:	CHECKED BY:	REFERENCE NO.:
AA	GS	22-30-839-00
FILE: O:\22-30-839\00\Drawing\22-30-839-00-B.dgn		DATED: 04/04/2022
		PLOTTED: 4/4/2022

Appendix C

Qualification of Assessors

Qualifications of Accessors

The records review was conducted by Ms. Shirley Li, M.Env.Sc, who has been trained to conduct Phase One/I ESAs in accordance with O.Reg.153 and CSA Standard Z768-01. Shirley is an Environmental Project Manager at GEI Consultants Ltd. (GEI) and has a master's degree in environmental science from [redacted] She has been involved in numerous Phase One and Phase Two environmental site assessments (ESAs) under Ontario jurisdiction, as well as risk assessments under the provincial and federal jurisdiction.

Fernando Contento, P.Geo., is a Geoenvironmental and Contaminated Sites Practice Lead at GEI and a registered with the MECP as a QP_{ESA}. Mr. Contento has [redacted] of experience in environmental, geotechnical, and hydrogeological consulting and engineering, with significant experience in contaminated sites remediation and environmental assessments. Mr. Contento has been a project manager and provided detailed environmental consulting services on a wide variety of projects in Ontario, including environmental remediation, risk assessments, large commercial developments, and low and high-rise developments, excess soil management, and MECP O.Reg.153/04 environmental assessments including Record of Site Conditions.

Appendix D

Chain of Title Search

PROJECT# P-22049

#10249 HUNSDEN SIDEROAD

PIN 14340-0024

PART OF LOTS 25 and 26
CONCESSION 9

PART OF THE ORIGINAL
ROAD ALLOWANCE BETWEEN
LOTS 25 and 26 ; CONCESSION 9
(TOWNSHIP OF ALBION)

formerly
TOWNSHIP OF ALBION
now
TOWN OF CALEDON

REGIONAL MUNICIPALITY OF PEEL

PIN	OWNERSHIP	DATES
14340-0024 14340-0181	[redacted]	**APRIL 19 2013** **TO PRESENT** **AS OF** **APRIL 11 2022**
		DECEMBER 1 1978 TO APRIL 19 2013
MERGE OF ALL CHAINS		JUNE 25 1976 TO DECEMBER 1 1978
		MAY 11 1954 TO JUNE 25 1976
	WEST HALF LOT 25	
SEE MERGE ABOVE	WILFRED L. WILSON (SR.)	JUNE 24 1919 TO MAY 11 1954
MERGE OF CHAINS #1 and #2	JAMES LIPSETT LORNE LIPSETT	NOVEMBER 9 1906 TO JUNE 24 1919
	CHAIN #1	
	MICHAEL HORAN	FEBRUARY 21 1868 **&** MARCH 8 1895 TO NOVEMBER 9 1906
	CHAIN #2	
	JOHN HORAN	FEBRUARY 21 1868 TO MARCH 8 1895
CROWN PATENT **WEST HALF** **LOT 25 CONCESSION 9**	KEARN HORAN (HORN)	MAY 5 1854 TO FEBRUARY 21 1868

	WEST HALF LOT 26	
SEE MERGE ABOVE	WILFRED L. WILSON (SR.)	MARCH 20 1922 TO MAY 11 1954
	EZRA EWART	FEBRUARY 3 1922 TO MARCH 20 1922
	ELI W. EWART **ESTATE OF** WILLIAM H. EWART	DECEMBER 1 1882 TO FEBRUARY 3 1922
	WILLIAM BROWN	OCTOBER 23 1875 TO DECEMBER 1 1882
	JOHN LOWERY	FEBRUARY 3 1871 TO OCTOBER 23 1875
	ROBERT W. LOWERY (LAUREY)	JANUARY 19 1866 TO FEBRUARY 3 1871
	SIMON ELLIOTT	SEPTEMBER 23 1857 TO JANUARY 19 1866
	JOHN BROWN	APRIL 14 1855 TO SEPTEMBER 23 1857
	HARVEY C.J. QUELLTON	JULY 2 1853 TO APRIL 14 1855
	WILLIAM WARREN BALDWIN	JUNE 11 1825 TO JULY 2 1853
CROWN PATENT **LOT 26 CONCESSION 9**	JAMES G. CHEVETT	AUGUST 24 1820 TO JUNE 11 1825

	ORIGINAL ROAD ALLOWANCE BETWEEN LOTS 25 and 26 CONCESSION 9	
SEE MERGE ABOVE	[redacted]	APRIL 14 1976 TO JUNE 25 1976
BY VIRTUE OF THE MUNICIPAL ACT	THE CORPORATION ON THE TOWN OF CALEDON **formerly** THE CORPORATION OF THE TOWNSHIP OF ALBION	PRIOR TO AUGUST 20 1820 TO APRIL 14 1976

CROWN PATENTS

WEST HALF LOT 25 ; CONCESSION 9
MAY 5 1854

LOT 26 ; CONCESSION 9
AUGUST 24 1820

ORIGINAL ROAD ALLOWANCE BETWEEN LOTS 25 and 26 ; CONCESSION 9

GEOGRAPHIC TOWNSHIP OF ALBION

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #43

14340-0024 (LT)

PREPARED FOR s

ON 2022/04/11 AT 16:01:24

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

Appendix E

Ecolog ERIS Report

DATABASE REPORT

Project Property:	*10249 Hunsden Sideroad, Bolton, ON* *10249 Hunsden Sideroad* *Bolton ON L7E 3N5*
Project No:	*P22049*
Report Type:	*RSC Report - Quote*
Order No:	*22041100335*
Requested by:	*GEI Consultants Inc. (Canada)*
Date Completed:	*April 14, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*10249 Hunsden Sideroad, Bolton, ON* *10249 Hunsden Sideroad Bolton ON L7E 3N5*
Project No:	*P22049*

Order Information:

Order No:	*22041100335*
Date Requested:	*April 11, 2022*
Requested by:	*GEI Consultants Inc. (Canada)*
Report Type:	*RSC Report - Quote*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site plus 250m Radius*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	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	1	1
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	1	1
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	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
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	15	17
	Total:		2	19	21

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 25 con 9 ON ***Well ID:*** 4900485	N/0.0	-4.72	15
2	WWIS		lot 25 con 9 ON ***Well ID:*** 4904953	NW/0.0	-5.37	17

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		- Hunsden Sdrd near Mount Pleasant Road lot 25 con 9 Bolton ON ***Well ID:*** 7362013	WSW/21.9	1.22	19
4	WWIS		MT PLEASANT ROAD lot 25 con 9 Caledon ON ***Well ID:*** 7344610	SSE/37.2	9.11	22
5	WWIS		lot 26 con 9 ON ***Well ID:*** 4900487	WNW/50.4	-10.52	23
6	WWIS		- Hunsden Sdrd near Mount Pleasant Road lot 25 con 9 Bolton ON ***Well ID:*** 7362014	WSW/54.8	-0.68	26
7	WWIS		10254 HUNSDEN SIDEROAD lot 25 con 9 CALEDON/BOLTON ON ***Well ID:*** 7268505	NNW/65.3	-6.90	28
8	WWIS		10254 HUNSDEN lot 26 con 9 ON ***Well ID:*** 7175042	NNW/67.1	-6.90	31
9	WWIS		lot 26 con 9 ON ***Well ID:*** 4904466	WNW/104.4	-9.35	36
10	WWIS		lot 25 con 9 ON ***Well ID:*** 4905294	NNW/118.6	-4.33	39
11	WWIS		lot 26 con 9 ON ***Well ID:*** 4900488	NNW/139.9	-12.90	43
12	BORE		ON	N/199.2	1.74	46
13	WWIS		HUNSDEN SIDE RD & MT PLEASANT RD Caledon ON ***Well ID:*** 7279646	WSW/199.9	6.32	47
14	WWIS		ON	WSW/202.9	6.27	50

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7276774			
15	WWIS		lot 26 con 9 ON ***Well ID:*** 4904876	NNW/218.4	-4.39	51
16	WWIS		lot 25 con 9 ON ***Well ID:*** 4903459	WSW/242.2	6.39	55
17	WWIS		lot 26 con 9 ON ***Well ID:*** 4904877	NNW/268.4	-8.37	60
18	WWIS		lot 25 con 9 ON ***Well ID:*** 4904049	WSW/276.2	4.98	63
19	DTNK	[redacted]	10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA ON	W/279.3	-3.59	68
19	CFOT		10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA ON	W/279.3	-3.59	68
20	BORE		ON	WSW/281.2	3.17	69

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 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	199.2	12
	ON	281.2	20

CFOT - Commercial Fuel Oil Tanks

A search of the CFOT database, dated Feb 28, 2022 has found that there are 1 CFOT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
[redacted]	10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA ON	279.3	19

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 1 DTNK site(s) within approximately 0.30 kilometers of the project property.

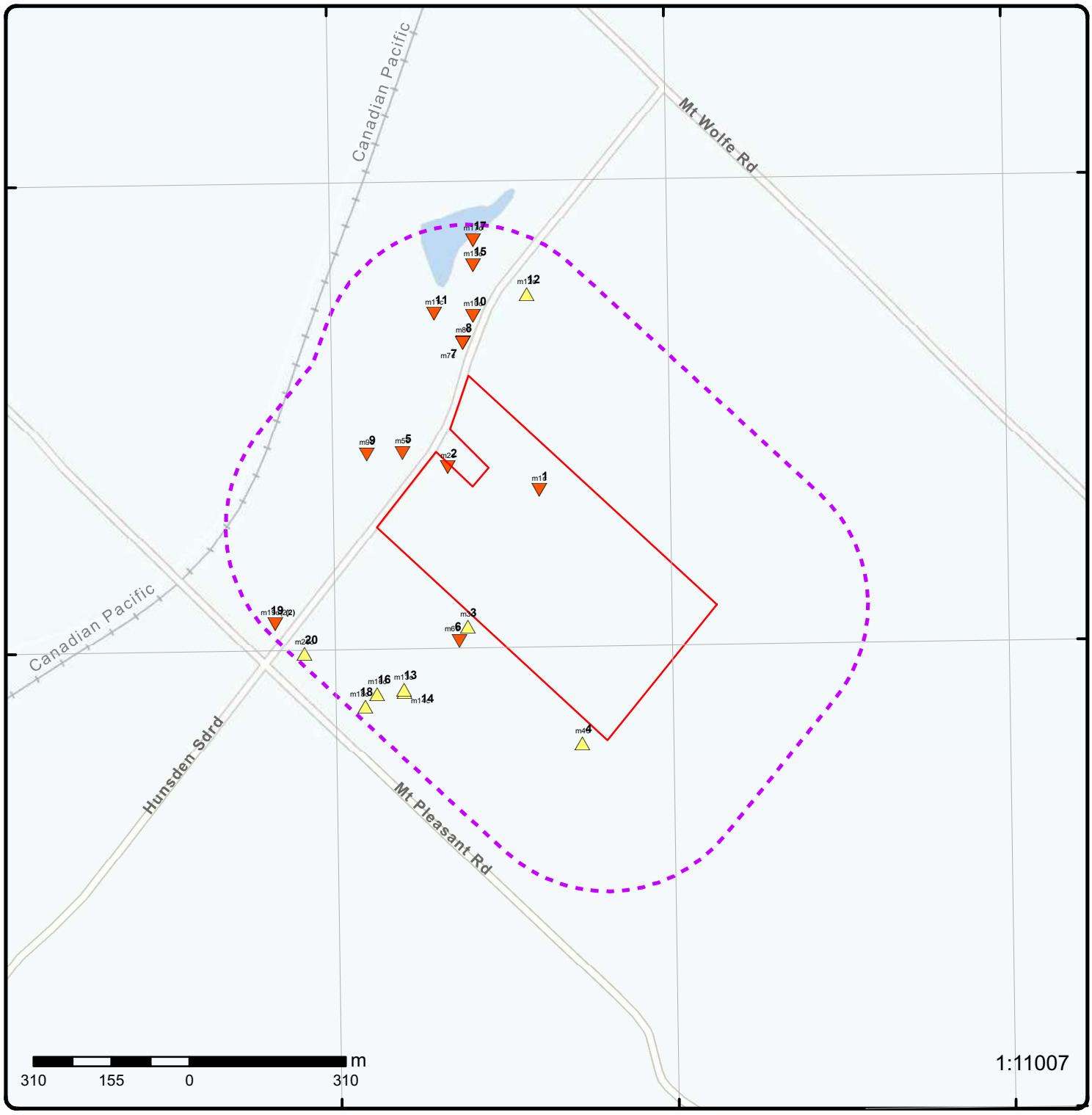
Site	Address	Distance (m)	Map Key
[redacted]	10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA ON	279.3	19

WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 17 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 25 con 9 ON ***Well ID:*** 4900485	0.0	1
	lot 25 con 9 ON ***Well ID:*** 4904953	0.0	2
	- Hunsden Sdrd near Mount Pleasant Road lot 25 con 9 Bolton ON ***Well ID:*** 7362013	21.9	3
	MT PLEASANT ROAD lot 25 con 9 Caledon ON ***Well ID:*** 7344610	37.2	4
	lot 26 con 9 ON ***Well ID:*** 4900487	50.4	5
	- Hunsden Sdrd near Mount Pleasant Road lot 25 con 9 Bolton ON ***Well ID:*** 7362014	54.8	6
	10254 HUNSDEN SIDEROAD lot 25 con 9 CALEDON/BOLTON ON ***Well ID:*** 7268505	65.3	7
	10254 HUNSDEN lot 26 con 9 ON ***Well ID:*** 7175042	67.1	8
	lot 26 con 9 ON ***Well ID:*** 4904466	104.4	9
	lot 25 con 9 ON ***Well ID:*** 4905294	118.6	10
	lot 26 con 9 ON ***Well ID:*** 4900488	139.9	11
	HUNSDEN SIDE RD & MT PLEASANT RD Caledon ON	199.9	13

Site	Address	Distance (m)	Map Key
	Well ID: 7279646		
	ON	202.9	14
	Well ID: 7276774		
	lot 26 con 9 ON	218.4	15
	Well ID: 4904876		
	lot 25 con 9 ON	242.2	16
	Well ID: 4903459		
	lot 26 con 9 ON	268.4	17
	Well ID: 4904877		
	lot 25 con 9 ON	276.2	18
	Well ID: 4904049		



Map: 0.3 Kilometer Radius

Order Number: 22041100335

Address: 10249 Hunsden Sideroad, Bolton, ON

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

79°48'W

43°58'30"N

43°58'30"N

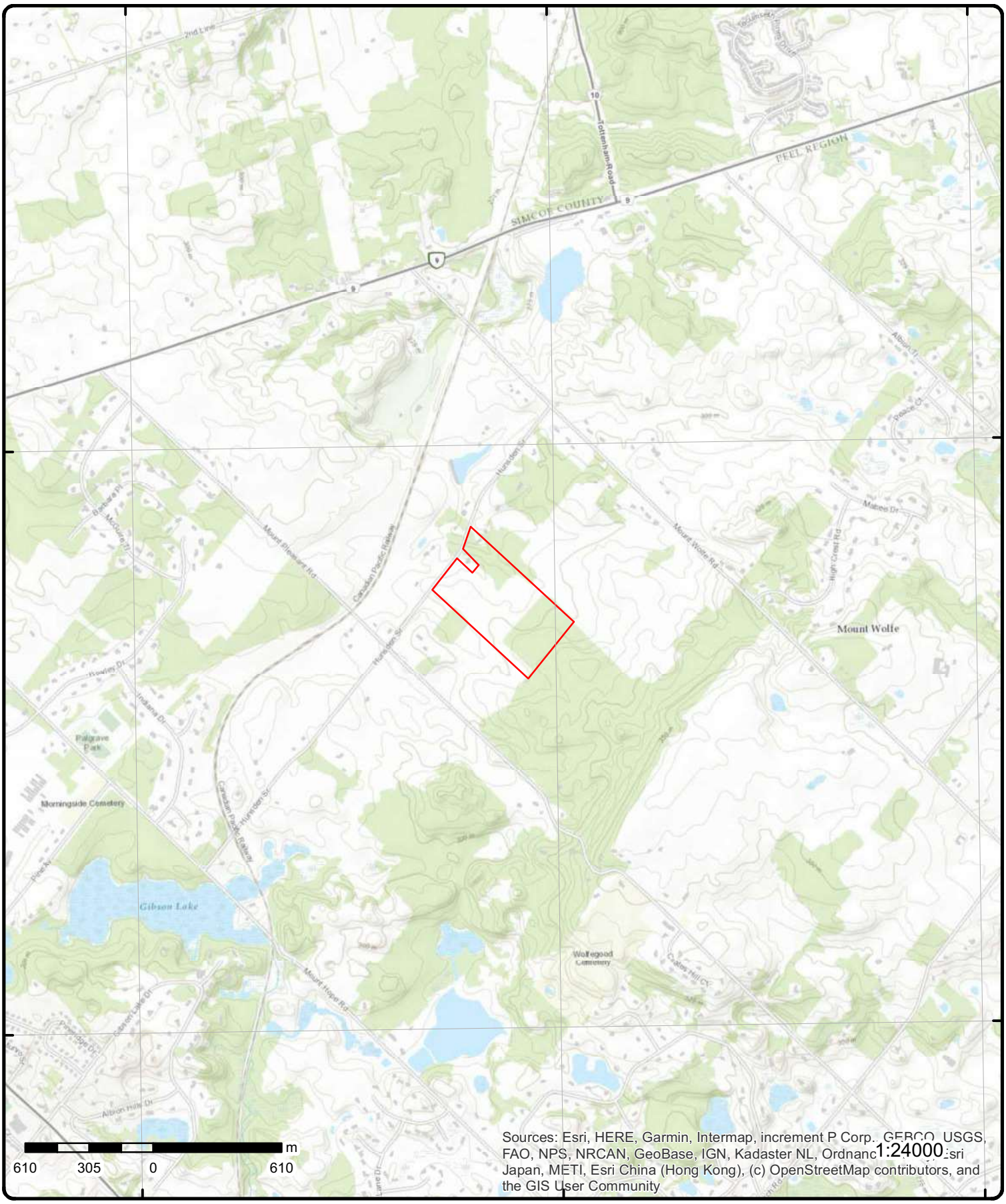
Aerial

Year: 2021

Order Number: 22041100335

Address: 10249 Hunsden Sideroad, Bolton, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22041100335

Address: 10249 Hunsden Sideroad, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	N/0.0	289.8 / -4.72	lot 25 con 9 ON	WWIS

Well ID:	4900485	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1960
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4102
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4900485.pdf

Additional Detail(s) (Map)

Well Completed Date:	1959/10/18
Year Completed:	1959
Depth (m):	19.812
Latitude:	43.9694607874446
Longitude:	-79.8032790647672
Path:	490\4900485.pdf

Bore Hole Information

Bore Hole ID:	10315333	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595995.50
Code OB Desc:		**North83:**	4869177.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	18-Oct-1959 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932030304
Layer:	1
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964900485
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10863903
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930521428
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	65.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994900485
Pump Set At:	
Static Level:	55.0
Final Level After Pumping:	
Recommended Pump Depth:	
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:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933788437
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.0
Water Found Depth UOM:	ft

2	1 of 1	NW/0.0	289.2 / -5.37	lot 25 con 9 ON	WWIS

Well ID:	4904953	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/1/1976
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5206
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (ALBION)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	09
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904953.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/08/23
Year Completed:	1976
Depth (m):	38.7096
Latitude:	43.9698984686392
Longitude:	-79.8055267030381
Path:	490\4904953.pdf

Bore Hole Information

Bore Hole ID:	10319718	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	595814.50
Code OB Desc:		***North83:***	4869223.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	23-Aug-1976 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932047848
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	127.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904953
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10868288
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527673
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	124.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359675
Layer:	1
Slot:	010
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pump Test ID:	994904953

Pump Set At:	
Static Level:	42.0
Final Level After Pumping:	52.0
Recommended Pump Depth:	60.0
Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934260246
Test Type:	Recovery
Test Duration:	15
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934526001
Test Type:	Recovery
Test Duration:	30
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935045071
Test Type:	Recovery
Test Duration:	60
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934780117
Test Type:	Recovery
Test Duration:	45
Test Level:	42.0
Test Level UOM:	ft

Water Details

Water ID:	933792985
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	127.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	*1 of 1*	*WSW/21.9*	*295.8 / 1.22*	*- Hunsden Sdrd near Mount Pleasant Road lot 25 con 9 Bolton ON*	*WWIS*

Well ID:	7362013	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	6/22/2020
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7147
Casing Material:		**Form Version:**	9
Audit No:	DSKORGTP	**Owner:**	
Tag:	_NO_TAG	**Street Name:**	- Hunsden Sdrd near Mount Pleasant Road
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1008323912	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595854.00
Code OB Desc:		**North83:**	4868907.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	01-Jun-2020 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008324025
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1008324117
Layer:	1
Plug From:	0.0
Plug To:	12.199999809265137

Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008324093
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: m

Pipe Information

Pipe ID: 1008323962
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008324047
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 7.599999904632568
Casing Diameter: 5.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008324066
Layer: 1
Slot:
Screen Top Depth: 7.599999904632568
Screen End Depth: 12.199999809265137
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.300000190734863

Results of Well Yield Testing

Pump Test ID: 1008323963
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

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

Water Details

Water ID:	1008324008
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	9.100000381469727
Water Found Depth UOM:	m

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4 | ***1 of 1*** | ***SSE/37.2*** | ***303.7 / 9.11*** | ***MT PLEASANT ROAD lot 25 con 9 Caledon ON*** | ***WWIS***

Well ID:	7344610	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Test Hole	***Date Received:***	10/18/2019
Sec. Water Use:	Monitoring	***Selected Flag:***	TRUE
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7644
Casing Material:		***Form Version:***	7
Audit No:	Z322832	***Owner:***	
Tag:		***Street Name:***	MT PLEASANT ROAD
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (ALBION)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	09
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7344610.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/09/19
Year Completed:	2019
Depth (m):	
Latitude:	43.9649396925482
Longitude:	-79.8022915858572
Path:	734\7344610.pdf

Bore Hole Information

Bore Hole ID:	1007688280	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	596082.00
Code OB Desc:		***North83:***	4868676.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	19-Sep-2019 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Pipe Information

Pipe ID: 1008243510
Casing No: 0
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 1008244302
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

---

5 | ***1 of 1*** | ***WNW/50.4*** | ***284.0 / -10.52*** | ***lot 26 con 9 ON*** | ***WWIS***

Well ID:	4900487	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/12/1965
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5203
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (ALBION)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	026
Well Depth:		***Concession:***	09
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4900487.pdf

Additional Detail(s) (Map)

Well Completed Date: 1964/10/14
Year Completed: 1964
Depth (m): 21.9456
Latitude: 43.9701622356908
Longitude: -79.8066434016387
Path: 490\4900487.pdf

Bore Hole Information

Bore Hole ID:	10315335	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595724.50
Code OB Desc:		**North83:**	4869251.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	14-Oct-1964 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932030314
Layer:	4
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932030313
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	42.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932030312
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932030311
Layer: 1
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964900487
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10863905
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930521431
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 68.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933359018
Layer: 1
Slot: 008
Screen Top Depth: 68.0
Screen End Depth: 72.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 4.0

Results of Well Yield Testing

Pump Test ID:	994900487
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	70.0
Pumping Rate:	5.0
Flowing Rate:	
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:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933788439
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22.0
Water Found Depth UOM:	ft

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6 ***1 of 1*** ***WSW/54.8*** ***293.9 / -0.68*** ***- Hunsden Sdrd near Mount Pleasant Road lot 25 con 9 Bolton ON*** ***WWIS***

Well ID:	7362014	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	6/22/2020
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7147
Casing Material:		***Form Version:***	9
Audit No:	4WMQ2AQB	***Owner:***	
Tag:	_NO_TAG	***Street Name:***	- Hunsden Sdrd near Mount Pleasant Road
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (ALBION)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	09
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1008323915	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	595837.00
Code OB Desc:		***North83:***	4868878.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	01-Jun-2020 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m

Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1008324026
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008324119
Layer: 2
Plug From: 2.200000047683716
Plug To: 2.5999999046325684
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008324121
Layer: 4
Plug From: 11.600000381469727
Plug To: 12.199999809265137
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008324120
Layer: 3
Plug From: 2.5999999046325684
Plug To: 11.600000381469727
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008324094
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1008324118
Layer:	1
Plug From:	0.0
Plug To:	2.200000047683716
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1008323964
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008324048
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	0.0
Depth To:	12.199999809265137
Casing Diameter:	90.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID:	1008323965
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1008324009
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	9.100000381469727
Water Found Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	NNW/65.3	287.7 / -6.90	10254 HUNSDEN SIDEROAD lot 25 con 9 CALEDON/BOLTON ON	WWIS

Well ID:	7268505	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	8/11/2016

Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7147
Casing Material:		***Form Version:***	7
Audit No:	Z228003	***Owner:***	
Tag:		***Street Name:***	10254 HUNSDEN SIDEROAD
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (ALBION)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	09
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2016/06/24
Year Completed:	2016
Depth (m):	
Latitude:	43.9721090161743
Longitude:	-79.8051146183485
Path:	

Bore Hole Information

Bore Hole ID:	1006199229	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	595844.00
Code OB Desc:		***North83:***	4869469.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	24-Jun-2016 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006205342
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006205349
Layer:	2
Plug From:	2.200000047683716
Plug To:	28.299999237060547
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006205350
Layer:	3
Plug From:	
Plug To:	28.299999237060547
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006205348
Layer:	1
Plug From:	0.0
Plug To:	2.200000047683716
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006205347
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006205341
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006205345
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	28.299999237060547
Casing Diameter:	12.699999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006205346
Layer:	
Slot:	

Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006205344
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 9.5
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006205343
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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8 | ***1 of 1*** | ***NNW/67.1*** | ***287.7 / -6.90*** | ***10254 HUNSDEN lot 26 con 9 ON*** | ***WWIS***

Well ID: 7175042
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z42923
Tag: A038496
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 1/17/2012
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6915
Form Version: 3
Owner:
Street Name: 10254 HUNSDEN
County: PEEL
Municipality: CALEDON TOWN (ALBION)
Site Info:
Lot: 026
Concession: 09
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2011/12/02
Year Completed: 2011
Depth (m): 38.1
Latitude: 43.9721268890004
Longitude: -79.8051017930367
Path:

Bore Hole Information

Bore Hole ID:	1003634198	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595845.00
Code OB Desc:		**North83:**	4869471.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	02-Dec-2011 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003634480
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	125.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003634482
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003634508
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1003634478
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003634484
Layer:	1
Material:	1

Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 115.0
Casing Diameter: 6.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003634485
Layer: 1
Slot: 8
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003634479
Pump Set At:
Static Level: 28.600000381469727
Final Level After Pumping: 51.0
Recommended Pump Depth: 80.0
Pumping Rate: 9.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003634486
Test Type: Draw Down
Test Duration: 1
Test Level: 36.70000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634505
Test Type: Draw Down
Test Duration: 50
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634504
Test Type: Draw Down
Test Duration: 40
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634493
Test Type: Recovery
Test Duration: 4
Test Level: 34.400001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634494
Test Type: Draw Down
Test Duration: 5
Test Level: 46.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634497
Test Type: Recovery
Test Duration: 10
Test Level: 29.899999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634498
Test Type: Draw Down
Test Duration: 15
Test Level: 49.79999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634491
Test Type: Recovery
Test Duration: 3
Test Level: 36.20000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634495
Test Type: Recovery
Test Duration: 5
Test Level: 34.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634496
Test Type: Draw Down
Test Duration: 10
Test Level: 47.400001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634500

Test Type: Draw Down
Test Duration: 20
Test Level: 50.599998474121094
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634487
Test Type: Recovery
Test Duration: 1
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634502
Test Type: Draw Down
Test Duration: 25
Test Level: 50.900001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634503
Test Type: Draw Down
Test Duration: 30
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634489
Test Type: Recovery
Test Duration: 2
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634492
Test Type: Draw Down
Test Duration: 4
Test Level: 45.400001525878906
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634501
Test Type: Recovery
Test Duration: 20
Test Level: 28.799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003634506
Test Type: Draw Down
Test Duration: 60
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1003634488
Test Type:	Draw Down
Test Duration:	2
Test Level:	40.400001525878906
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003634499
Test Type:	Recovery
Test Duration:	15
Test Level:	29.200000762939453
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1003634490
Test Type:	Draw Down
Test Duration:	3
Test Level:	43.0
Test Level UOM:	ft

Water Details

Water ID:	1003634483
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	

Hole Diameter

Hole ID:	1003634481
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	
Hole Diameter UOM:	

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9 | ***1 of 1*** | ***WNW/104.4*** | ***285.2 / -9.35*** | ***lot 26 con 9 ON*** | ***WWIS***

Well ID:	4904466	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/1/1974
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5206
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	CALEDON TOWN (ALBION)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	026
Well Depth:		***Concession:***	09
Overburden/Bedrock:		***Concession Name:***	CON

Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904466.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/04/30
Year Completed:	1974
Depth (m):	22.86
Latitude:	43.9701444707275
Longitude:	-79.8075288790964
Path:	490\4904466.pdf

Bore Hole Information

Bore Hole ID:	10319249	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595653.50
Code OB Desc:		**North83:**	4869248.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	30-Apr-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932045877
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904466
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10867819
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930527078
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 72.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933359564
Layer: 1
Slot: 010
Screen Top Depth: 72.0
Screen End Depth: 75.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pump Test ID: 994904466
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 73.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934259115
Test Type: Recovery
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934533646
Test Type: Recovery
Test Duration: 30
Test Level: 40.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935043949
Test Type: Recovery
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934787774
Test Type: Recovery
Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933792500
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

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10 | ***1 of 1*** | ***NNW/118.6*** | ***290.2 / -4.33*** | ***lot 25 con 9 ON*** | ***WWIS***

Well ID: 4905294
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/30/1976
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3662
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: CALEDON TOWN (ALBION)
Site Info:
Lot: 025
Concession: 09
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4905294.pdf

Additional Detail(s) (Map)

Well Completed Date: 1976/06/23
Year Completed: 1976
Depth (m): 14.6304
Latitude: 43.9725924294757
Longitude: -79.8048493507958
Path: 490\4905294.pdf

Bore Hole Information

Bore Hole ID:	10320049	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	595864.50
Code OB Desc:		***North83:***	4869523.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	23-Jun-1976 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932049460
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049462
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932049461
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932049463
Layer: 4
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932049465
Layer: 6
Color: 6
General Color: BROWN
Mat1: 07
Most Common Material: QUICKSAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932049466
Layer: 7
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932049464

Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905294
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10868619
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930528129
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	28.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930528130
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994905294
Pump Set At:	
Static Level:	27.0
Final Level After Pumping:	41.0
Recommended Pump Depth:	40.0
Pumping Rate:	4.0
Flowing Rate:	
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934780701
Test Type:	Recovery
Test Duration:	45
Test Level:	38.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935045671
Test Type:	Recovery
Test Duration:	60
Test Level:	37.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934526588
Test Type:	Recovery
Test Duration:	30
Test Level:	39.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934260841
Test Type:	Recovery
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

Water Details

Water ID:	933793331
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	30.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	NNW/139.9	281.7 / -12.90	lot 26 con 9 ON	WWIS

Well ID:	4900488	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/14/1967
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3108
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	

Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4900488.pdf

Additional Detail(s) (Map)

Well Completed Date:	1967/05/18
Year Completed:	1967
Depth (m):	20.7264
Latitude:	43.9726384717223
Longitude:	-79.8058083882036
Path:	490\4900488.pdf

Bore Hole Information

Bore Hole ID:	10315336	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595787.50
Code OB Desc:		**North83:**	4869527.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	18-May-1967 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932030317
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	53.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932030318
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	53.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932030316
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	1.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932030315
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964900488
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10863906
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930521432
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	65.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359019
Layer:	1
Slot:	010
Screen Top Depth:	65.0
Screen End Depth:	68.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.5

Results of Well Yield Testing

Pump Test ID:	994900488
Pump Set At:	
Static Level:	26.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	65.0
Pumping Rate:	6.0
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:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933788440
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62.0
Water Found Depth UOM:	ft

12 ***1 of 1*** ***N/199.2*** ***296.3 / 1.74*** ***ON*** ***BORE***

Borehole ID:	590766	***Inclin FLG:***	No
OGF ID:	215501361	***SP Status:***	Initial Entry
Status:	Unknown	***Surv Elev:***	No
Type:	Outcrop	***Piezometer:***	No
Use:		***Primary Name:***	OGS-OLW-62-1036
Completion Date:		***Municipality:***	

Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	43.972975
Total Depth m:	1.2	**Longitude DD:**	-79.803514
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	595971
Drill Method:		**Northing:**	4869567
Orig Ground Elev m:	295	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	295		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218338884	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description: gravel, gravelly sand
Stratum Description: sa gravel **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Ontario Geological Survey	**Source Iden:**	6
Source Date:	Varies to 2004	**Scale or Res:**	1:50,000
Confidence:	H	**Horizontal:**	NAD83
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Ontario Geological Survey Fieldwork Mapping
Source Details: YPDT Master Database A: 970197559
Confiden 1: Location taken from OGS 1:50,000 maps by CAMC staff or consultants.

Source List

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

Source Name: Ontario Geological Survey Fieldwork Mapping
Source Originators: Ontario Geological Survey

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13 | ***1 of 1*** | ***WSW/199.9*** | ***300.9 / 6.32*** | ***HUNSDEN SIDE RD & MT PLEASANT RD Caledon ON*** | ***WWIS***

Well ID:	7279646	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	1/25/2017
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z252492	**Owner:**	
Tag:	A214773	**Street Name:**	HUNSDEN SIDE RD & MT PLEASANT RD
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)

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

Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/11/22
Year Completed: 2016
Depth (m): 25.908
Latitude: 43.9659401579328
Longitude: -79.8066967772627
Path:

Bore Hole Information

Bore Hole ID: 1006343692
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 22-Nov-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 595727.00
North83: 4868782.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006550729
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 1.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006550728
Layer: 1
Color: 6

General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006550730
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	70.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006550739
Layer:	2
Plug From:	74.0
Plug To:	85.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006550738
Layer:	1
Plug From:	0.0
Plug To:	74.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006550737
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1006550727
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006550734
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	75.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006550735
Layer:	1
Slot:	10
Screen Top Depth:	75.0
Screen End Depth:	85.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Water Details

Water ID:	1006550733
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006550731
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1006550732
Diameter:	5.0
Depth From:	20.0
Depth To:	85.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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14 ***1 of 1*** ***WSW/202.9*** ***300.8 / 6.27*** ***ON*** ***WWIS***

Well ID:	7276774	***Data Entry Status:***	Yes
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	12/12/2016
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	7464
Casing Material:		***Form Version:***	8
Audit No:	C34989	***Owner:***	

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

Tag:	A205066	**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2016/08/26
Year Completed:	2016
Depth (m):	
Latitude:	43.9658950197234
Longitude:	-79.8066852153859
Path:	

Bore Hole Information

Bore Hole ID:	1006305035	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595728.00
Code OB Desc:		**North83:**	4868777.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	26-Aug-2016 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

15	1 of 1	NNW/218.4	290.2 / -4.39	lot 26 con 9 ON	WWIS

Well ID:	4904876	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/7/1976
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5206
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	

Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904876.pdf

Additional Detail(s) (Map)

Well Completed Date: 1976/05/13
Year Completed: 1976
Depth (m): 38.1
Latitude: 43.9734925884933
Longitude: -79.8048312956558
Path: 490\4904876.pdf

Bore Hole Information

Bore Hole ID: 10319644 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 17
Code OB: ***East83:*** 595864.50
Code OB Desc: ***North83:*** 4869623.00
Open Hole: ***Org CS:***
Cluster Kind: ***UTMRC:*** 5
Date Completed: 13-May-1976 00:00:00 ***UTMRC Desc:*** margin of error : 100 m - 300 m
Remarks: ***Location Method:*** p5
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932047535
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932047534
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:

Formation Top Depth:	15.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932047533
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932047536
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	85.0
Formation End Depth:	125.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904876
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10868214
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527580
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	122.0
Casing Diameter:	5.0

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933359662
Layer: 1
Slot: 012
Screen Top Depth: 123.0
Screen End Depth: 126.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pump Test ID: 994904876
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 75.0
Recommended Pump Depth: 80.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 5
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934260192
Test Type: Recovery
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934780065
Test Type: Recovery
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935045018
Test Type: Recovery
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934525531

Test Type:	Recovery
Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933792906
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.0
Water Found Depth UOM:	ft

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16 | ***1 of 1*** | ***WSW/242.2*** | ***301.0 / 6.39*** | ***lot 25 con 9 ON*** | ***WWIS***

Well ID:	4903459	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/27/1970
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4610
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903459.pdf

Additional Detail(s) (Map)

Well Completed Date:	1970/06/03
Year Completed:	1970
Depth (m):	56.388
Latitude:	43.9658659885746
Longitude:	-79.807353953211
Path:	490\4903459.pdf

Bore Hole Information

Bore Hole ID:	10318293	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595674.40
Code OB Desc:		**North83:**	4868773.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	03-Jun-1970 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 932041713
Layer: 5
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932041710
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 12.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932041711
Layer: 3
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 46.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932041716
Layer: 8
Color: 2

General Color:	GREY
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	170.0
Formation End Depth:	185.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041714
Layer:	6
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	98.0
Formation End Depth:	159.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041715
Layer:	7
Color:	2
General Color:	GREY
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	159.0
Formation End Depth:	170.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041709
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041712
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964903459
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10866863
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930525779
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	166.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359361
Layer:	1
Slot:	018
Screen Top Depth:	166.0
Screen End Depth:	170.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pump Test ID:	994903459
Pump Set At:	
Static Level:	60.0
Final Level After Pumping:	126.0

Recommended Pump Depth:	135.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	6
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934530417
Test Type:	Draw Down
Test Duration:	30
Test Level:	126.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935049889
Test Type:	Draw Down
Test Duration:	60
Test Level:	126.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934784976
Test Type:	Draw Down
Test Duration:	45
Test Level:	126.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934256301
Test Type:	Draw Down
Test Duration:	15
Test Level:	122.0
Test Level UOM:	ft

Water Details

Water ID:	933791480
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	159.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933791479
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0

Water Found Depth UOM: ft

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17 | **1 of 1** | **NNW/268.4** | **286.2 / -8.37** | **lot 26 con 9 ON** | **WWIS**

Well ID:	4904877	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/7/1976
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5206
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904877.pdf

Additional Detail(s) (Map)

Well Completed Date:	1976/05/14
Year Completed:	1976
Depth (m):	38.1
Latitude:	43.9739426679465
Longitude:	-79.804822267771
Path:	490\4904877.pdf

Bore Hole Information

Bore Hole ID:	10319645	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595864.50
Code OB Desc:		**North83:**	4869673.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	14-May-1976 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932047540
Layer:	4
Color:	6
General Color:	BROWN

Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 34.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932047538
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932047537
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932047541
Layer: 5
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	932047539
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	34.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904877
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10868215
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527581
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	82.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359663
Layer:	1
Slot:	012
Screen Top Depth:	82.0
Screen End Depth:	85.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pump Test ID:	994904877
Pump Set At:	
Static Level:	27.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	80.0

Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934260193
Test Type:	Recovery
Test Duration:	15
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934780066
Test Type:	Recovery
Test Duration:	45
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935045019
Test Type:	Recovery
Test Duration:	60
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934525532
Test Type:	Recovery
Test Duration:	30
Test Level:	27.0
Test Level UOM:	ft

Water Details

Water ID:	933792907
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

18	***1 of 1***	***WSW/276.2***	***299.5 / 4.98***	***lot 25 con 9 ON***	***WWIS***

Well ID:	4904049	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/7/1973
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		**Contractor:**	5206
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	CALEDON TOWN (ALBION)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904049.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/03/02
Year Completed:	1973
Depth (m):	41.148
Latitude:	43.9656439402297
Longitude:	-79.8076451043921
Path:	490\4904049.pdf

Bore Hole Information

Bore Hole ID:	10318838	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	595651.40
Code OB Desc:		**North83:**	4868748.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	02-Mar-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932044054
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	14
Mat3 Desc:	HARDPAN
Formation Top Depth:	62.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 932044056
Layer: 5
Color:
General Color:
Mat1: 10
Most Common Material: COARSE SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 118.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932044055
Layer: 4
Color:
General Color:
Mat1: 08
Most Common Material: FINE SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 118.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932044053
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932044057
Layer: 6
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:	
Formation Top Depth:	130.0
Formation End Depth:	135.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044052
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904049
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10867408
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930526526
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	126.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359468
Layer:	1
Slot:	016
Screen Top Depth:	127.0
Screen End Depth:	136.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pump Test ID:	994904049
Pump Set At:	
Static Level:	-70.0
Final Level After Pumping:	115.0
Recommended Pump Depth:	100.0
Pumping Rate:	12.0
Flowing Rate:	6.0
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	Yes

Draw Down & Recovery

Pump Test Detail ID:	934786624
Test Type:	Draw Down
Test Duration:	45
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934532069
Test Type:	Draw Down
Test Duration:	30
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934257957
Test Type:	Draw Down
Test Duration:	15
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935042782
Test Type:	Draw Down
Test Duration:	60
Test Level:	70.0
Test Level UOM:	ft

Water Details

Water ID:	933792072
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 2	W/279.3	291.0 / -3.59	[redacted] 10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	61929955	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	NULL
Instance ID:		**Facility Location:**	10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA
Instance Type:		**Facility Type:**	FS FUEL OIL TANK
Instance Creation Dt:	3/11/2009	**Fuel Type 2:**	
Instance Install Dt:	3/11/2009	**Fuel Type 3:**	
Item Description:	Fuel Oil Tank	**Panam Related:**	NULL
Manufacturer:	NULL	**Panam Venue Nm:**	NULL
Model:	NULL	**External Identifier:**	NULL
Serial No:	NULL	**Item:**	
ULC Standard:	NULL	**Piping Steel:**	
Quantity:	1	**Piping Galvanized:**	
Unit of Measure:	EA	**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:	7/5/2009 3:15:08 AM	**Tank Underground:**	
Next Periodic Str DT:	NULL	**Source:**	FS Fuel Oil Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	NULL		
Original Source:	EXP		
Record Date:	31-MAY-2021		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	2 of 2	W/279.3	291.0 / -3.59	[redacted] 10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA ON	CFOT

Licence No:		**Item Description:**	Fuel Oil Tank
Registration No:		**Instance Type:**	
Posse File No:		**Facility Type:**	
Posse Reg No:		**Fuel Type:**	
Status Name:		**Distributor:**	
Tank Type:	Liquid Fuel Single Wall UST	**Letter Sent:**	
Tank Size:	0	**Comments:**	
Tank Material:	Steel	**Corrosion Protect:**	
Instance No:	61929955	**Province:**	
Inst Creation Date:	3/11/2009	**Nbr:**	
Inst Install Date:	3/11/2009	**Context:**	FS Fuel Oil Tank
Item:	FS FUEL OIL TANK		
Tank Age (as of 05/1992):			
Device Installed Location:	10022 HUNSDEN SIDE ROAD CALEDON L7E 5R7 ON CA		
Description:	NULL		
Contact Name:			
Contact Address:			
Contact Address2:			
Contact Suite:			

Contact City:
Contact Prov:
Contact Postal:

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20 **1 of 1** **WSW/281.2** **297.7 / 3.17** **ON** **BORE**

Borehole ID:	589668	**Inclin FLG:**	No
OGF ID:	215500263	**SP Status:**	Initial Entry
Status:	Unknown	**Surv Elev:**	No
Type:	Outcrop	**Piezometer:**	No
Use:		**Primary Name:**	OGS-OLW-62-959
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	43.966605
Total Depth m:	1.5	**Longitude DD:**	-79.809139
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	595530
Drill Method:		**Northing:**	4868853
Orig Ground Elev m:	296	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	296		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218340366	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fine Sand	**Geologic Formation:**	
Material 2:	Medium Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description: sand, silty sand, topsoil
Stratum Description: fsa msa **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Ontario Geological Survey	**Source Iden:**	6
Source Date:	Varies to 2004	**Scale or Res:**	1:50,000
Confidence:	H	**Horizontal:**	NAD83
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Ontario Geological Survey Fieldwork Mapping
Source Details: YPDT Master Database A: -2145479784
Confiden 1: Location taken from OGS 1:50,000 maps by CAMC staff or consultants.

Source List

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

Source Name: Ontario Geological Survey Fieldwork Mapping
Source Originators: Ontario Geological Survey

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 26 Con 9	Caledon ON	

Unplottable Report

Site:

Lot 26 Con 9 Caledon ON

Database:
AAGR

Type:	Pit
Region/County:	Peel
Township:	Caledon
Concession:	9
Lot:	26
Size (ha):	0.4
Landuse:	
Comments:	Oak Ridges Moraine

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Sep 30, 2021

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 2019

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: Feb 28, 2022

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-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Nov 2021

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Jan 2022

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Mar 31, 2022

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

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- Feb 28, 2022

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Mar 31, 2022

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- Feb 28, 2022

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-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

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 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

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, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2022

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, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2022

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Feb 28, 2022

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- 28 Feb 2022

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Mar 31, 2022

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, 1992-2019

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Feb 2022

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-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2019

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Feb 28, 2022

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix F

City Directory Summary

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *10249 Hunsden Sideroad, Bolton (Caledon East), Ontario*
Report Type: *City Directory*
Order No: *22041100335*
Information Source: *Polk's Halton/Peel Regions, Ontario Criss-Cross Directory (LAC)*
Date Completed: *26/04/2022*

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

City Directory Information Source
Polk's Halton/Peel Regions, Ontario Criss-Cross Directory

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 2000	
Site Listing:	-Residential [redacted]
Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-All Residential 10272 – Cirone International inc
Mount Pleasant Road (16610-16995)	-All Residential

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1994	
Site Listing:	-Street Not Listed
Adjacent Properties:	

Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1989	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1984	
Site Listing:	-Street Not Listed

Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1977/78	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1972/73	
Site Listing:	-Street Not Listed

Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1966	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

PROJECT NUMBER: 22041100335	
Site Address:	10249 Hunsden Sideroad, Bolton (Caledon East), Ontario
Year: 1958	

Site Listing:	-Street Not Listed
Adjacent Properties:	
Hunsden Sideroad (10020-10375)	-Street Not Listed
Mount Pleasant Road (16610-16995)	-Street Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

Appendix G

Other Government Records

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

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

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

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

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

Ontario

May 31, 2022

Fernando Contento
GEI Consultants Inc.
647 Welham Road, Unit 14
Barrie, Ontario L4N 0B7
fcontento@geiconsultants.com

Dear Fernando Contento:

RE: **MECP FOI A-2022-04187 / Your Reference 2201948 – Acknowledgement Letter**

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

The search will be conducted on the following: 10249 Hunsden Sideroad, Caledon. If there is any discrepancy, please contact us immediately.

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

Also, the Ministry's Freedom of Information and Protection of Privacy Office (MECP Access and Privacy Office) is currently providing requesters with decisions/records via email. This allows requesters to obtain decisions containing records in a more timely and efficient way.

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

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

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

Yours truly,
MECP Access and Privacy Office

Love, Shannon

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Tuesday, May 10, 2022 12:29 PM
To: Love, Shannon
Subject: [EXT] RE: Request for Environmental Information

EXTERNAL EMAIL

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Sherees

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

From: Love, Shannon <SLove@geiconsultants.com>
Sent: May 9, 2022 4:07 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Request for Environmental Information

Good afternoon Madam/Sir,

I would like to submit a request for Environmental Information for the following properties located in Bolton, Ontario:

1. 10249 Hunsden Sideroad
2. 10201 Hunsden Sideroad
3. 10251 Hunsden Sideroad
4. 10186 Hunsden Sideroad
5. 16993 Mount Pleasant Road
6. 16955 Mount Pleasant Road
7. 141 Stinson Street
8. 107 Stinson Street
9. 16724 Mount Wolfe Road
10. 16858 Mount Wolfe Road

As part of our historical review for an environmental investigation, I am requesting that the Technical Standards and Safety Authority (TSSA), Safety Fuel Division, review its database to identify to us any records of aboveground/underground storage tanks, spills, incidents, complaints, notices, tanks removals and/or remediation, etc. with the TSSA for the abovementioned site.

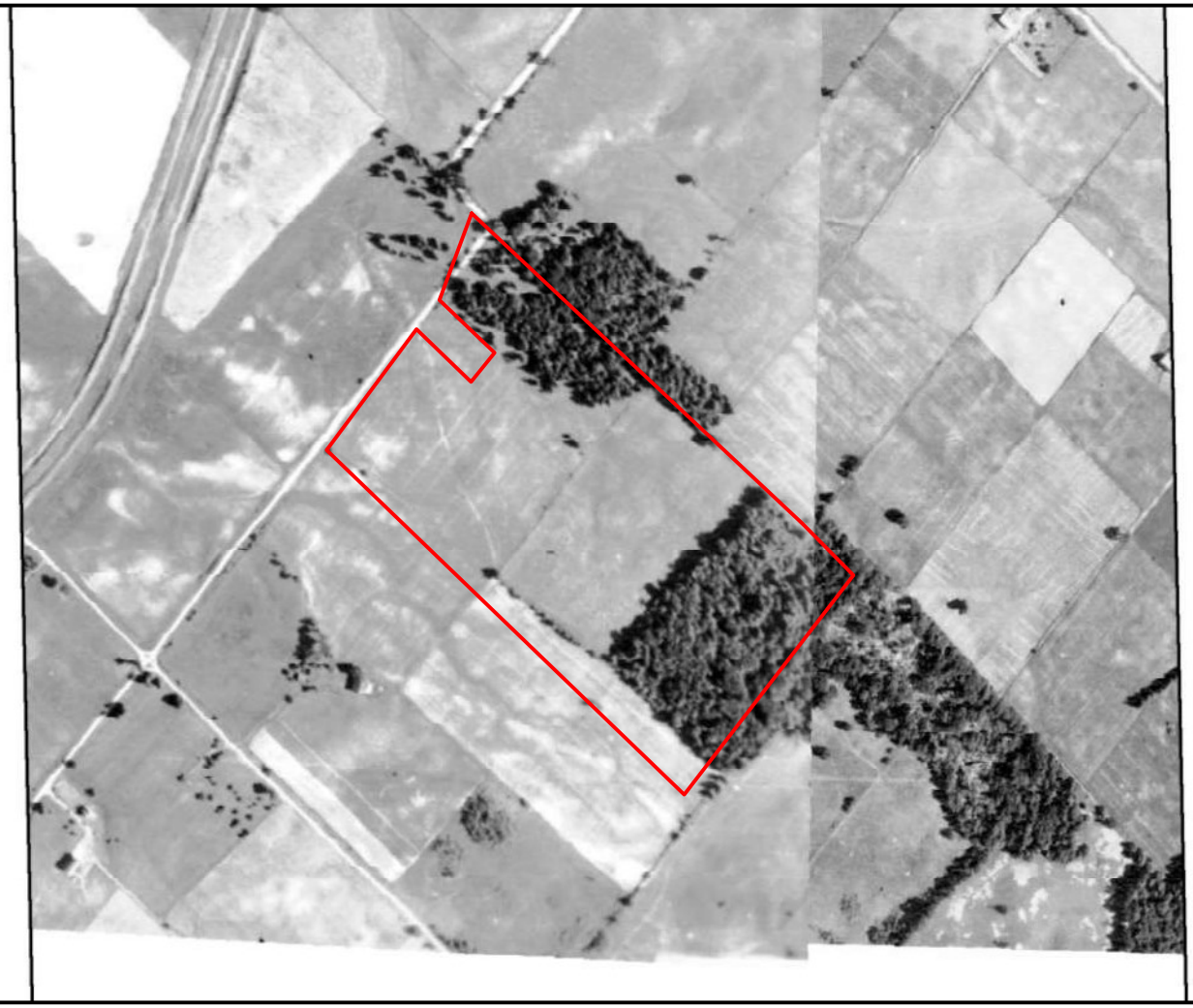
Your earliest attention to this matter is much appreciated. For your convenience, you may email me or call me with any information you may have for the properties. Thanks!

Kind Regards,

GEI
SHANNON LOVE, BSc
Junior Environmental Technician
289.696.5532
647 Welham Road, Unit 14, Barrie, ON L4N 0B7

Appendix H

Aerial Photographs/Fire Insurance Plans



Legend

Site Boundary

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Airphoto source: National Air Photo Library (NAPL).

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

Project 2101948

1946 AERIAL PHOTOGRAPH

May 2022 Fig. H1

Legend

Site Boundary

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Airphoto source: National Air Photo Library (NAPL).

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

1988 AERIAL PHOTOGRAPH

Project 2101948

May 2022

Fig. H2

Legend

Site Boundary

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Airphoto source: First Base Solutions.

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

2002 AERIAL PHOTOGRAPH

Project 2101948

May 2022

Fig. H3

Legend

Site Boundary

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Airphoto source: First Base Solutions.

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

2007 AERIAL PHOTOGRAPH

Project 2101948

May 2022

Fig. H4

Legend

Site Boundary

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Airphoto source: First Base Solutions.

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

2015 AERIAL PHOTOGRAPH

Project 2101948

May 2022

Fig. H5

Legend

Site Boundary

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Airphoto source: First Base Solutions.

0 110 220 m

1:9,000

N

Phase One ESA
10249 Hunsden Sideroad
Caledon, Ontario.

Carringwood Homes

GEI Consultants

2021 AERIAL PHOTOGRAPH

Project 2101948

May 2022

Fig. H6

opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Stephanie

Site Address:

10249 Hunsden Sideroad Bolton ON

Project No:

22041100335

Opta Order ID:

107810

Requested by:

Eleanor Goolab
Ecolog Eris

Date Completed:

4/19/2022 8:41:42 AM

Project Name: 10249 Hunsden Sideroad Bolton ON

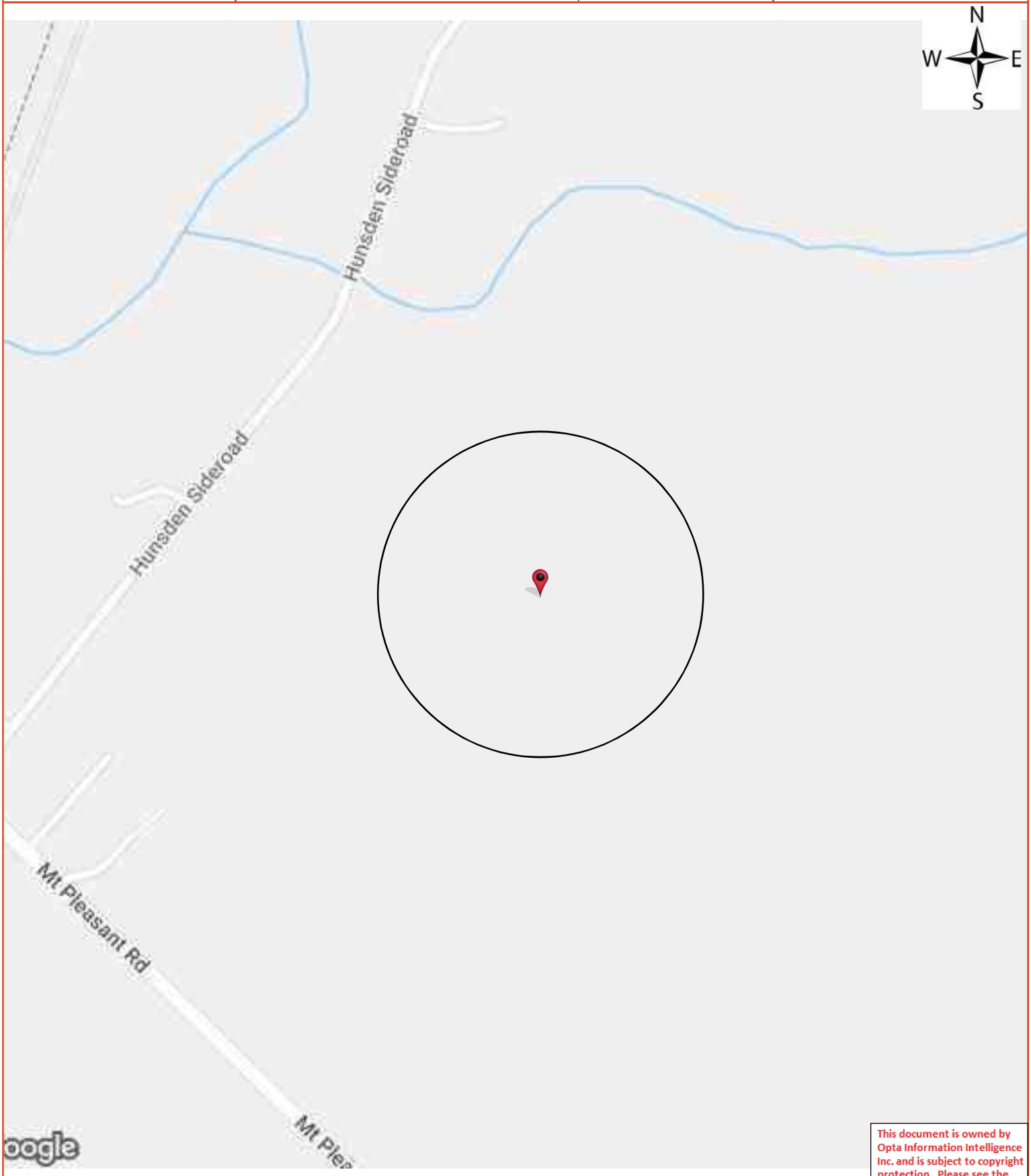
Project #: 22041100335
P.O. #: P22049

ENVIROSCAN Report

Search Area: 10249 Hunsden Sideroad Bolton ON

Requested by:
Eleanor Goolab
Date Completed: 04/19/2022 08:41:42

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan ™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Project Name: 10249 Hunsden Sideroad Bolton ON

Project #: 22041100335
P.O. #: P22049

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 04/19/2022 08:41:42

enviroscan
OPTA INFORMATION INTELLIGENCE

No Records Found

N
W E
S

Appendix I

Site Photographs

PHOTOGRAPH 1

(GEI, 2022)

Description: Northeastern portion of the Site, picture facing northeast down the driveway towards Hunsden Sideroad.

PHOTOGRAPH 2

(GEI, 2022)

Description: Residential dwelling located on the northeastern portion of the Site, picture facing southwest.

PHOTOGRAPH 3

(GEI, 2022)

Description:
Vent/piping located on the north side of the residential dwelling.

PHOTOGRAPH 4

(GEI, 2022)

Description:
Rear View of the residential dwelling on Site. Picture facing northeast.

PHOTOGRAPH 5

(GEI, 2022)

Description:
Treed western portion of the Site with trail heading to southeast fields. Picture facing southeast.

PHOTOGRAPH 6

(GEI, 2022)

Description:
Covered well located in the central eastern portion of the Site.

PHOTOGRAPH 7

(GEI, 2022)

Description:
Eastern portion of the site. Consists of cleared fields. Picture facing northeast.

PHOTOGRAPH 8

(GEI, 2022)

Description:
Western portion of the site. Picture showing residential dwellings located along the southwestern border of the Site. Picture facing southwest.

PHOTOGRAPH 9

(GEI, 2022)

Description:
Well located on centrally on the northern border of the Site. Picture is facing southwest.

PHOTOGRAPH 10

(GEI, 2022)

Description:
Residential dwelling located central to the site along the northern border. Picture facing west.

PHOTOGRAPH 11

(GEI, 2022)

Description: Forested land located within the southern most portion of the Site. Picture is facing south.

PHOTOGRAPH 12

(GEI, 2022)

Description: Mostly dry drainage pond located off-site to the west of the property. Picture is facing northwest.

PHOTOGRAPH 13

(GEI, 2022)

Description:
Drainage culvert running under Hunsden Sideroad along the northern border of the site. Picture is facing north.