

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

TOWN OF CALEDON
PLANNING
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January 23, 2026



13286 NUNNVILLE ROAD
CALEDON, ONTARIO

FOR

INNOVATIVE PLANNING SOLUTIONS

BY



MAY 2025

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Report AR115-25



AiMS Environmental
1020 Denison Street, Suite 111
Markham, Ontario, Canada L3R 3W5
Tel: (905) 474-0058 Fax: (905) 474-0601
www.aimsconsulting.com

May 2, 2025

Report AR115-25

Mr. Mathew Halo, Associate
Innovative Planning Solutions
200W-3800 Steeles Avenue West
Vaughan, Ontario
L4L 4G9

Phase One Environmental Site Assessment
13286 Nunnville Road
Caledon, Ontario

We are pleased to present our report of a Phase One Environmental Site Assessment (ESA) of the above-referenced property. This work was authorized on April 4, 2025.

It is understood that the Phase One ESA was required in accordance with *Ontario Regulation 153/04* to support development approvals from the *Town of Caledon* for construction of 20 townhouses on the Phase One Property. The findings presented in this report may be used for this purpose subject to the limitations mentioned herein.

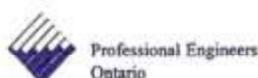
We trust you will find this report to be complete within our terms of reference. Should you have any questions regarding the information contained in the report, or require further assistance, please contact our office.

Sincerely

AiMS Environmental

A handwritten signature in blue ink, appearing to read 'NR'.

Naveed Rehman, P.Geo., QP_{ESA}
Senior Project Manager



Authorized by the Association of Professional Engineers
of Ontario to offer professional engineering services.

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1.0 EXECUTIVE SUMMARY

AiMS Environmental was retained by *Forward Engineering & Associates Inc.* on behalf of *Innovative Planning Solutions* to conduct a Phase One Environmental Site Assessment (ESA) of a residential property in Caledon, Ontario.

It is understood that the Phase One ESA was required in accordance with *Ontario Regulation 153/04* to support development approvals from the *Town of Caledon* for construction of 20 townhouses on the Phase One Property.

The Phase One Property (“subject property” or “site”) is a 3.349-acre, rectangular-shaped residential land developed with a single-storey house with a basement having a footprint area of approximately 250-m² (2,690-ft²) fronting Nunnville Road, located northeast of Highway 50 and southeast of King Road, on the west side of Albion Vaughan Road in Town of Caledon, Region of Peel, Province of Ontario.

Overall, the building covers 1.8 % of the Phase One Property. The remaining parts of the property consist of a driveway along north property line, landscaped areas surrounding the dwelling and woodlots on the west portion of the Phase One Property with a steep slope towards west.

The Phase One Study Area (“surrounding area”) covers land uses within a 250 m radius of the Phase One Property. The Phase One Study Area is currently developed with agricultural and residential land uses.

No water bodies or areas of natural significance were observed on the Phase One Property. However, *Humber River* is located 240 m northwest to the Phase One Property.

Historically, the Phase One Property comprised cultivated fields prior to the construction of the existing single-storey dwelling in 1970. The Phase One Property has remained the same ever since.

The historical land uses of the surrounding areas were similar to the Phase One Property. The surrounding areas were also agricultural lands prior to 1970s. The Phase One Study Area was subsequently developed with residential subdivisions.

There were no past dry-cleaning facilities, automotive repair garages, or gasoline service stations noted within a 250 m radius of the Phase One Study Area.

Based on the findings of the historical records review, site reconnaissance, and personal interviews, no potentially contaminating activities (PCAs) or areas of potential environmental concern (APECs) were identified with the Phase One Property and/or Phase One Study Area as a result of current or past land uses.

In conclusion, no sources of soil or groundwater contamination associated with the Phase One Property have been identified during our Phase One ESA. Therefore, in our opinion, no further actions are warranted at this time.

2.0 INTRODUCTION

AiMS Environmental was retained by *Innovative Planning Solutions* to conduct a Phase One Environmental Site Assessment (ESA) of a residential property in Caledon, Ontario. This work was authorized in an email dated April 4, 2025.

It is understood that the Phase One ESA was required in accordance with *Ontario Regulation 153/04* to support development approvals from the *Town of Caledon* for construction of 20 townhouses on the Phase One Property.

The findings presented in this report may be used for this purpose subject to the limitations stated under *Section 8.1*. No third parties are entitled to rely upon this report without the express written consent of **AiMS Environmental**. Any use which a third party makes of this report is the sole responsibility of said third party, and **AiMS Environmental** accepts no responsibility for any damages.

2.1 PHASE ONE PROPERTY INFORMATION

The Phase One Property is located northeast of Highway 50 and southeast of King Road, on the west side of Albion Vaughan Road in the Town of Caledon, Regional Municipality of Peel, Province of Ontario, as shown in *Drawing 1* and the photographs in *Appendix A*.

The municipal address of the property is 13286 Nunnville Road, Caledon, Ontario.

The legal description of the Phase One Property is Part of Lot 34 of Registered Plan ALBION-4 having the Property Identification Number 14355-2137, in the Town of Caledon, Regional Municipality of Peel, and Province of Ontario.

The 3.349-acre rectangular-shaped Phase One Property is currently developed with a single-storey house with a basement having a footprint area of approximately 250-m² (2,690-ft²) fronting on Nunnville Road.

Overall, the building covers 1.8 % of the Phase One Property. The remaining parts of the property consist of a driveway along north property line, landscaped areas surrounding the dwelling and woodlots on the west portion of the Phase One Property with a steep slope towards west.

Surface water from the subject site drains overland into *Humber River*, as well as catch-basins and the municipal storm sewer system underlying Nunnville Road. An existing potable well, five groundwater monitoring wells, and a septic system for sanitary sewage were observed on the Phase One Property as well as recorded in the MECP Water Well Records in *Appendix B*.

There was no evidence of any fill/vent pipes indicative of heating oil underground storage tanks (USTs), aboveground storage tanks (ASTs), surficial staining, unusual protrusions from the ground, or any other environmental concerns identified on the Phase One Property during our site reconnaissance on March 28, 2025.

3.0 SCOPE OF INVESTIGATION

The Phase One ESA was conducted in general accordance with Schedule D of *Ontario Regulation 153/04* (reaffirmed in 2016) under the Environmental Protection Act (EPA). The scope of the investigation included the following:

- Review of existing historical records for the Phase One Property and study area to identify actual or potential sources of environmental contamination.
- Site reconnaissance, including an environmental inspection of any existing buildings, to observe and document the present environmental condition.
- Interviews with knowledgeable persons and regulatory officials for additional information relating to any environmental concerns.
- Preparation of this assessment report of pertinent findings, conclusions and recommendations.

4.0 RECORDS REVIEW

Historical information relating to the development of the Phase One Property and Phase One Study Area was compiled from the following sources:

- Topographical Maps
- Illustrated Atlases (see *Subsection 4.1.2*)
- Fire Insurance Plans (FIPs) (see *Subsection 4.1.3*)
- Chain of Title (see *Subsection 4.1.4*)
- Environmental Reports (see *Subsection 4.1.5*)
- Environmental Source Information (see *Subsection 4.2*)
- Physical Setting Sources (see *Subsection 4.3*)
- Aerial Photographs (see *Subsection 4.3.1*)

4.1 GENERAL

The historical records review of the past land uses of the subject site and surrounding areas included illustrated atlases, land registry records, topographical maps, aerial photographs, city directories, and government records.

Historically, on the north shore of Lake Ontario, tracts of Aboriginal lands were “surrendered” to the *British Crown* in the late 1700s, exchanging claim to the communal native title in return for individual financial compensation (Russell, *Canada’s Odyssey*, University of Toronto Press, 2017). The southern part of the province was divided into 26 counties (including Peel) which were subsequently divided into townships (including Albion).

The Township of Albion, was agricultural since the first settlements in the early 1800s. These fertile lands were farmed and hamlets grew throughout the area. In 1974, the township was amalgamated to form the Town of Caledon, within the newly-created Regional Municipality of Peel.

4.1.1 Phase One Study Area Determination

The qualified person (QP) overseeing this ESA determined that the conventional distance of 250 m from the Phase One Property was adequate for defining the Phase One Study Area for all records reviewed. This was based on the fact that the site is located in an urbanized area, and said radius would cover most potential environmental concerns.

The search radius for historical records requested from **Environmental Risk Information Services Inc.** (discussed in *Subsections 4.2.1, 4.2.2, 4.2.3, and 4.2.4*) was set to 250 m from the boundary of the Phase One Property, as depicted on *Drawing 1*.

4.1.2 First Developed Use Determination

The Phase One Property was originally part of Lots 6 and 7, Concession VII in the Township of Albion, County of Peel. Illustrated atlases from 1877 showed **Jonathan Shields** to be the owner of the township lot [across from the *Church of England* granted by the *British Crown* within the Village of Nunville (now known as Nunnville)].

Topographic maps from the early 1900s, and the first available aerial photograph from 1951 showed both the Phase One Property and the surrounding areas contiguous to the *Humber River* to comprise cultivated fields, with pockets of woodlots.

City directory (reproduced in *Appendix C*) and Legal Survey (reproduced in *Appendix D*) indicate that the Phase One Property was developed with a single-storey dwelling (with basement) in 1970 after the township lot was partitioned into numerous lots (including Lot 34 according to the Municipal Registered Plan ALBION-4). Aerial photographs taken since 1976 showed the configuration of the Phase One Property to remain unchanged since.

4.1.3 Fire Insurance Plans

No fire insurance plans were available for review for the Phase One Property.

4.1.4 Chain of Title

According to the Legal Survey (reproduced in *Appendix D*), Property Index Map (reproduced in *Appendix E*), and Land Registry Records (reproduced in *Appendix F*), the current owner of the Phase One Property has been **Adel George** and **Lana Dabbagh** since the transaction from **Diane Elizabeth Hester** in 2002.

4.1.5 Environmental Reports

No previous environmental reports were available for our review.

Forward Engineering & Associates Inc. prepared a Geotechnical Investigation Report titled “Proposed Residential Subdivision”, issued April 1, 2025, Reference No. G7442.

The investigation consisted of advancing six [6] boreholes to a depth of about 6.55 m below existing grade. The investigation indicated silty clay and clayey silt (Till) were encountered below the fill/disturbed (reworked) soil layer in four of the boreholes and extended to a depth of about 6.55 m below the EGL (the maximum depth of investigation explored). Five [5] of the boreholes were equipped with groundwater monitoring wells.

4.2 ENVIRONMENTAL SOURCE INFORMATION

Environmental records relating to the Phase One Property and Phase One Study Area were compiled from the following sources:

- Environmental Risk Information Services Inc. (ERIS) Database Report (reproduced in *Appendix G*), including the following government databases:
 - 1987 MECP *Inventory of Coal Gasification Plant Waste Sites in Ontario*
 - 1988 MECP *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*
 - 1991 MECP *Waste Disposal Site Inventory*
 - MECP *Ontario Inventory of Polychlorinated Biphenyls Storage Sites (OPCB)*
 - MECP *Brownfields Environmental Site Registry*
 - MECP *Water Well Information System*
 - MECP *Certificates of Approval*
 - MECP *Environmental Activity and Sector Registry*
 - MECP *Environmental Registry*
 - MECP *Environmental Compliance Approval*
 - MECP *Fuel Storage Tanks*
 - MECP *Regulation 347 Public Information Dataset*
 - MECP *Fuel Oil Spills and Leaks*
 - MECP *Pesticide Register*
 - MECP *Private and Rental Fuel Storage Tanks*
 - MECP *Ontario Spills*
 - *ERIS Historical Searches*
 - *ERIS Scott's Manufacturing Directory*
- Technical Standards and Safety Authority (TSSA) (reproduced in *Appendix H*)
- Freedom of Information – Municipal Records
- Freedom of Information – Regional Records
- Freedom of Information – Provincial Records (reproduced in *Appendix I*)

- Federal Records – 1993 to 2020 Environment Canada *National Pollution Release Inventory*
- Federal Records - *Federal Contaminated Sites Inventory*

Additional information pertaining to the natural heritage and land uses within the Phase One Property and Phase One Study Area were derived from the following sources:

- Natural Resources Canada – *Toporama*
- Ministry of Natural Resources & Forestry – Natural Heritage Areas

The findings of the **ERIS** database report are summarized as follows:

- A review of available MECP 1987 *Inventory of Coal Gasification Plant Waste Sites in Ontario* and the 1988 *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* revealed no coal gasification or tar distillation plants on the Phase One Property or within the Phase One Study Area.
- A review of available 1991 MECP *Waste Disposal Site Inventory* revealed no waste disposal sites on the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Ontario Inventory of Polychlorinated Biphenyls (PCBs) Storage Sites* indicated that no properties within the Phase One Study Area have been registered as a PCB Storage Facility.
- A review of available MECP Brownfields Environmental Site Registry indicated that no *Records of Site Condition (RSC)* under *Ontario Regulation 153/04 (Part XV.1 of the EPA)* have been registered for the Phase One Property. However, the following three records were found within the Phase One Study Area:

Address	Company	Filed Year
13290 Nunnville Road	Bolton Midtown Developments Inc.	2022
13233 Nunnville Road	Bolton Midtown Developments Inc.	2021
13247 Nunnville Road	Bolton Midtown Developments Inc.	2021

- A review of available MECP *Water Well Information System (WWIS)* dataset under the *Ontario Regulation 903 of the Water Resources Act (WRA)* revealed the

following nine records of registered groundwater monitoring wells within the Phase One Study Area:

Address	Well ID(s)	Installation Date	Final Well Status
Lot 7 con 7	4903685	1971	Domestic water supply
	4904237	1974	Domestic water supply
13247 Nunnville Rd	7336661	2019	Observation well
	7336660	2019	Observation well
	7336663	2019	Observation well
	7336662	2019	Monitoring and observation wells
Lot 7 con 8	4900444	1965	Domestic water supply
13247/13233 Nunnville Rd; lot 7 con 8	7394211	2021	Abandoned
13247+13233 Nunnville Rd; lot 7 con 7	7394195	2021	Unknown

As previously mentioned in *Subsection 2.1*, five groundwater monitoring wells were observed at the Phase One Property. These wells were installed during a recent geotechnical investigation conducted on the premises.

- A review of available MECP *Certificates of Approval* dataset revealed no records on the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Environmental Activity and Sector Registry* dataset revealed no records on the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Environmental Registry* dataset revealed no records on the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Environmental Compliance Approval* dataset revealed no records on the Phase One Property—however— three records were found for 13247 & 13233 Nunnville Road located 165 m northeast of the Phase One property regarding municipal and private sewage works.
- A review of available MECP *Fuel Storage Tanks, List of Expired Fuels Safety Facilities and Delisted Fuel Tanks* dataset revealed no records for the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Regulation 347 Public Information Dataset* revealed no records on the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Fuel Oil Spills and Leaks* dataset revealed no records on the Phase One Property or within the Phase One Study Area.

- A review of available MECP *Pesticide Register* dataset revealed no records on the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Private and Rental Fuel Storage Tanks* dataset revealed no records for the Phase One Property or within the Phase One Study Area.
- A review of available MECP *Ontario Spills* dataset revealed no records on the Phase One Property –however– one record from 2018 was revealed for 7 Deer Hollow Court located 140 m northwest of the Phase One property associated with *Hydro One Inc.* A total of 75-L transformer oil was leaked to ground due to equipment failure. Since the Phase One Property is located upgradient to 7 Deer Hollow Court, this offsite source is unlikely to pose an environmental concern to the Phase One property.
- A review of available MECP *TSSA Historical Incident* dataset revealed no records on the Phase One Property –however– two following records were revealed at within the Phase One Study Area:

Address	Year	Type	Description
5 Bateman Lane	N/A	Natural gas	Natural gas released due to incident
20 Bateman Lane	2008	Natural gas	Natural gas released on construction site due to pipeline strike.

Both incidents involve natural gas (air) release which does not have implications to the subsurface conditions at the Phase One Property.

- A review of available *Scott's Manufacturing Directory* dataset revealed no records on the Phase One Property or within the Phase One Study Area.

A written request was filed by *Forward Engineering & Associates Inc.* on March 27, 2025 with Kimberly Gage, a Customer Service Advisor with the TSSA, for additional information regarding any USTs, ASTs, leaks, spills, or soil/groundwater remediation activities associated with the Phase One Property. A response dated also March 27, 2025 revealed no records for active fuel storage tanks and private fuel outlet on the Phase One Property. A copy of this TSSA report is reproduced in *Appendix H*.

4.2.1 Municipal Records Database

A written request was filed by *Forward Engineering & Associates Inc.* under the Freedom of Information and Protection of Privacy Act on March 27, 2025, for knowledge of any

Municipal control orders, violation notices, or other environmental concerns for the Phase One Property with the *Town of Caledon*. No information has been received to date.

Any forthcoming documentation will be reviewed, and any environmental concerns will be forwarded to the Client.

4.2.2 Regional Records Database

A written request was filed by others under the Freedom of Information and Protection of Privacy Act on May 2, 2025, for knowledge of any Regional control orders, violation notices, or other environmental concerns for the Phase One Property with the *Regional Municipality of Peel*. No information has been received to date. Any forthcoming documentation will be reviewed, and any environmental concerns will be forwarded to the Client.

4.2.3 Provincial Records Database

A written request was filed by others under the Freedom of Information and Protection of Privacy Act on March 28, 2025, for knowledge of any Provincial control orders, violation notices, or other environmental concerns for the Phase One Property with the MECP. A response from the MECP stated that no records were revealed for the property. A copy of the correspondence is reproduced in *Appendix I*.

4.2.4 Federal Records Database

A review of the 1993 to 2020 Environment Canada *National Pollution Release Inventory* for Caledon revealed no records for the Phase One Property or within the Phase One Study Area.

A review of the *Federal Contaminated Sites Inventory* indicated that there are no existing or former contaminated sites located within the Phase One Study Area.

A search of federal government databases for the Phase One Study Area was also completed by ERIS on April 10, 2025. No Federal Database records were found.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Aerial Photographs

Records reviewed revealed the following aerial photographs for the Phase One Property:

1951	The Phase One Property and the Phase One Study Area appear to be undeveloped, mostly comprised farm fields. Nunnville Road and Old King Road were developed.
1976	The Phase One Property appear to be developed with existing house. The Phase One Study Area were mostly the same as 1951.
1985	The Phase One Property and the Phase One Study Area remained the same since 1976.
1995	The Phase One Property and the Phase One Study Area remained the same since 1985, with some residential development to the north and south of the Phase One Property.
2004	The Phase One Property and the Phase One Study Area remained the same since 1995.
2019	The Phase One Property and the Phase One Study Area remained the same since 2004
2022	The Phase One Property and the Phase One Study Area remained the same since 2019, with more residential development to the south of the Phase One Property.
2024	The Phase One Property and the Phase One Study Area remained the same since 2022.

The aforementioned aerial photographs since 2004 are also reproduced in *Appendix A*.

4.3.2 Topography, Hydrogeology and Geology

The Phase One Property is located in an agricultural and residential area of Caledon, within a broad physiographic region known as the *South Slope* (Chapman and Putnam, *The Physiography of Southern Ontario*, Ministry of Natural Resources, 1984). This region consists of a plain of till that stretches from the Lake Iroquois shoreline to the foothills of the *Oak Ridges Moraine*.

The local topography is gently sloping with a geodetic ground surface elevation ranging between 245 and 250 m in the vicinity, with a general slope to the southwest.

The *Pleistocene-era* geology of the area has been shaped by *Wisconsinan* glaciation and related meltwaters. The overburden, which ranges between 50 and 75 m in thickness,

consists of young clay-veneered till plains, the soils of which consist of sandy to clayey silt strata, underlain by a major sandy silt till stratum of the *Halton Formation*.

Shallow bedrock consists of the *Georgian Bay Formation*, which constitutes sedimentary strata of the *Ordovician Period*, typically consisting of relatively thin sandy limestone layers, interbedded with several hundred metres of shale. The bedrock surface dips westward towards the *Humber River*.

Surface drainage in the area is controlled by the *Humber River* located approximately 240 m north of the Phase One Property; as shown in *Drawing 2*.

The local groundwater flow would be influenced by the local topography, underlying geology, and the watercourse, and inferred to be directed northwards and northwestwards.

The regional groundwater table is estimated to occur more than 5 m below grade, however, locally perched groundwater conditions may occur at shallower depths. Seasonal fluctuations in the water levels should be expected. The regional groundwater flow is likely towards Lake Ontario to the south. Local disruptions in the groundwater flow direction could also result from the presence of buried utility conduits along Nunnville Road.

4.3.3 Fill Materials

Stockpiled fill materials were not observed on the Phase One Property.

However, shallow (reworked) fill materials were identified underlying the property during a recent geotechnical investigation. These materials are likely associated with construction of the house on the site and unlikely to pose an environmental concern.

4.3.4 Water Bodies and Areas of Natural Significance

A water body, *Humber River*, is located approximately 240 m north of the Phase One Property, and flows south-eastward to Lake Ontario; as shown in *Drawings 2 and 3*.

4.3.5 Well Records

A review of the MECP Well Records dataset under the *Ontario Regulation 903* of the WRA and the *Ecolog ERIS WWIS* database revealed 9 monitoring wells installed within the Phase One Study Area as listed below.

Address	Well ID(s)	Installation Date	Final Well Status
Lot 7 con 7	4903685	1971	Domestic water supply
	4904237	1974	Domestic water supply
13247 Nunnville Rd	7336661	2019	Observation well
	7336660	2019	Observation well
	7336663	2019	Observation well
	7336662	2019	Monitoring and observation wells
Lot 7 con 8	4900444	1965	Domestic water supply
13247/13233 Nunnville Rd; lot 7 con 8	7394211	2021	Abandoned
13247+13233 Nunnville Rd; lot 7 con 7	7394195	2021	Unknown

As previously mentioned in *Subsection 2.1*, five groundwater monitoring wells were observed at the Phase One Property associated with a recent geotechnical investigation.

4.4 SITE OPERATING RECORDS

No operating records pertaining to the site were available as the site is undeveloped.

4.5 SUMMARY OF POTENTIALLY CONTAMINATING ACTIVITIES FROM RECORDS REVIEW

Based on the aforementioned records review, no PCAs (as defined by *Ontario Regulation 153/04* "Table 2: Potentially Contaminating Activities", were identified pertaining to the Phase One Property or the Phase One Study Area.

5.0 INTERVIEWS

Personal interviews were conducted by others on March 28, 2025 for environmental information regarding the Phase One Property and Phase One Study Area with Adel George – property owner. No environmental concerns were known for the Phase One Property or Phase One Study Area to the best of his knowledge.

5.1 SUMMARY OF POTENTIALLY CONTAMINATING ACTIVITIES FROM INTERVIEWS

Based on the aforementioned personal interviews discussed in previous Phase I ESAs, the QP determined that no PCAs (as defined by *Ontario Regulation 153/04* "Table 2: Potentially Contaminating Activities", were associated with the Phase One Property.

6.0 SITE RECONNAISSANCE

Site reconnaissance was conducted by Philippe El-Chami of *Forward Engineering & Associates Inc.* on March 28, 2025 between 10 am and 12 pm. The weather conditions did not obstruct any visual observations, and ground conditions were clear of snow and ice.

6.1 GENERAL REQUIREMENTS

The site reconnaissance identified the following in regards to the Phase One Property:

- Physical boundaries
- Features of Structures and Other Improvements
- Remaining portions of the Site
- Any on-site environmental concerns
- Any off-site environmental concerns with potential on-site impacts

Photographs of the property taken at the time of the site reconnaissance are presented in *Appendix A*.

6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

The Phase One Property is 3.349 acres in size, rectangular in shape, with westwards slope topography; as outlined in Legal Survey, reproduced in *Appendix D*.

6.2.1 Structures and Other Improvements

There was a single-storey dwelling with a basement observed on the Phase One Property at the time of our site reconnaissance on March 28, 2025.

6.2.2 Below Ground Structures

There was a basement associated with the single-storey dwelling on the Phase One Property during our site reconnaissance on March 28, 2025.

6.2.3 Aboveground and Underground Storage Tanks

Neither ASTs nor fill/vent pipes indicative of USTs were observed on the Phase One Property during our site reconnaissance on March 28, 2025.

6.2.4 Potable and Non-Potable Water Sources

Surface water from the property appears to drain overland towards *Humber River* and the municipal storm sewer system along Nunnville Road. The domestic water supply is provided by a potable well on the Phase One Property. The sanitary sewage is collected into a septic system also on the Phase One Property.

Five groundwater monitoring wells were observed during our site reconnaissance on March 28, 2025. According to **WWIS**, nine well records were revealed in the Phase One Study Area, as listed in *Subsection 4.3.5*.

6.2.5 Underground Utilities and Service Corridors

No indication of underground utilities (gas, water, hydro) was evident on the Phase One Property at the time of our site reconnaissance on March 28, 2025. Utility conduits running parallel along Nunnville Road include *Enbridge Gas* and *Bell Canada* cables; *Hydro One Lines* and *Rogers Communication* cables; and municipal watermain, storm and sanitary sewers.

Given the anticipated depth to the groundwater table, local disruptions to the ground water flow direction are unlikely to result from the presence of buried utility conduits beneath Nunnville Road.

6.2.6 Interiors of Structures and Buildings

As previously mentioned in *subsection 6.2.1*, there was a single-storey dwelling with a basement observed on the Phase One Property at the time of our site reconnaissance on March 28, 2025.

6.2.7 Parts of the Phase One Property Not Covered by Buildings or Other Structures

The Phase One Property presently comprises a single-storey dwelling with a basement surrounded by landscaped area and woodlots.

There was no evidence of surficial staining or other environmental concerns identified on the Phase One Property during our site reconnaissance on March 28, 2025.

6.2.8 Enhanced Investigation of the Property

The Phase One Property remained the same since the construction of the existing single-storey dwelling in 1970 according to reviewed aerial photos and city directory (reproduced in *Appendix C*). The Phase One Property has not been used as a gasoline service station, automotive repair garage, or dry-cleaning facility. There was no processing, manufacturing, or storing of hazardous materials occurring on the property. In addition, there was no evidence of any USTs, ASTs, oil/water separators, surficial staining, or any other environmental concerns noted during our site visit. Therefore, an enhanced investigation was not required.

6.3 SPECIFIC OBSERVATIONS OF PHASE ONE STUDY AREA

Notable properties within the Phase One Study Area were visually inspected from publicly accessible areas to identify, locate, and document PCAs, water bodies, potential presence of storage tanks, areas of natural significance, and on-site gas meters.

Except for residential dwellings to the west, south, and east of the Phase One Property, the surrounding area currently hosts mostly agricultural lands and woodlots; as shown in *Drawing 1*.

There was no evidence of any surficial staining, areas of newly placed fill, or unidentified substances within the Phase One Study Area.

In addition, no gasoline service stations or dry-cleaning facilities were identified within a 250 m radius of the site.

6.4 WRITTEN DESCRIPTION OF THE INVESTIGATIONS

The investigations conducted for this ESA are described in *Sections 4* through *6*.

6.5 SUMMARY OF POTENTIALLY CONTAMINATING ACTIVITIES FROM SITE RECONNAISSANCE

Based on the aforementioned site reconnaissance, no PCAs of note were identified within the Phase One Property and from publicly accessible areas of the properties within the Phase One Study Area.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

Information pertaining to the current and past uses of the Phase One Property was gathered through records review, site reconnaissance, and personal interviews, as discussed in *Section 2.1* and *Section 4.1*.

7.2 POTENTIALLY CONTAMINATING ACTIVITIES

7.2.1 Phase One Property

Based on the findings of the historical records review, site reconnaissance, and personal interviews; no PCAs were identified on the Phase One Property; as shown in *Drawing 3*.

7.2.2 Phase One Study Area

Based on the findings of the historical records review, site reconnaissance, and personal interviews; no PCAs were identified from publicly accessible areas of the properties within the Phase One Study Area; as shown in *Drawing 3*.

7.3 AREAS OF ACTUAL OR POTENTIAL ENVIRONMENTAL CONCERN

7.3.1 Evaluation of Information

The purpose of this Phase One ESA was to document and identify any actual or potential environmental contamination associated with the property. A Phase One ESA is a preliminary study in which it is sufficient only to assess those liabilities which can be documented from a visual inspection of the property or readily available sources of public information.

The Phase One ESA does not include sampling or testing of soil, groundwater, or building materials. These analyses would be conducted in a Phase Two ESA or a designated hazardous building materials survey, if warranted.

7.3.2 Identified Areas of Potential Environmental Concern

Based on the foregoing findings, there were no actual sources of environmental impact identified on the Phase One Property due to current and historical land uses.

Therefore, no areas of potential environmental concern (APECs) were identified on the Phase One Property.

7.3.3 Contaminants of Potential Concern

There were no contaminants of potential concern identified associated with the Phase One Property.

7.3.4 Information Gaps in Phase One Investigation

All pertinent records were reviewed and any outstanding responses that pose environmental concern will be forwarded to the Client upon receipt.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

Site Description

The Phase One Property is a 3.349-acre, rectangular-shaped residential land developed with a single-storey house with a basement having a footprint area of approximately 250-m² (2,690-ft²) fronting on Nunnville Road, located northeast of Highway 50 and southeast of King Road, on the west side of Albion Vaughan Road in Town of Caledon, Region of Peel, Province of Ontario.

Overall, the building covers 1.8 % of the Phase One Property. The remaining parts of the property consist of a driveway along north property line, landscaped areas surrounding the dwelling and woodlots on the west portion of the Phase One Property with a steep slope towards the west.

Historically, the Phase One Property comprised cultivated fields prior to the construction of the existing single-storey dwelling in 1970. The Phase One Property has remained the same ever since.

Water Bodies / Areas of Natural Significance

A water body, *Humber River*, locates approximately 240 m northwest and northeast of property boundaries, meandering southeastwards into Lake Ontario. Based on this water body and the westwards sloping topography, the ground water flow is inferred to be directed northwards and northwestwards within the Phase One Study Area.

Drinking Water Wells

Drinking water on the Phase One Property is provided by a domestic water supply well. In addition, a total of nine well records were found for water supply, monitoring or observation purposes in the Phase One Study Area. The monitoring wells were associated with a recent geotechnical investigation conducted on the premises.

Neighboring Land Use

The historical land uses of the surrounding areas were similar to the Phase One Property. The surrounding areas were also agricultural lands prior to 1970s. The Phase One Study Area was subsequently developed with residential subdivisions.

There were no past dry-cleaning facilities, automotive repair garages, or gasoline service stations noted within a 250 m radius of the Phase One Property.

Except for residential subdivisions to the west, south, and east of the Phase One Property, the Phase One Study Area currently hosts mostly agricultural lands and woodlots; as shown in *Drawing 1*.

Areas of Potential Environmental Concerns (APECs)

Based on the records review, site reconnaissance, and interviews, no PCAs with the potential to cause APECs were identified within the Phase One Property and/or the Phase One Study Area.

Description and Assessment

Based on the records review, site reconnaissance, and interviews, no PCAs or APECs were identified within the Phase One Property and/or the Phase One Study Area.

No indication of underground utilities (gas, water, hydro) was evident on the Phase One Property at the time of our site reconnaissance on March 28, 2025.

Based on regional geological and hydrogeological information, the overburden consists of young clay-veneered till plains, the soils of which consist of sandy to clayey silt strata, underlain by a major sandy silt till stratum of the *Halton Formation*. Shallow bedrock consists of the *Georgian Bay Formation*, which constitutes sedimentary strata of the *Ordovician Period*, typically consisting of relatively thin sandy limestone layers, interbedded with several hundred metres of shale.

The Phase One Property is located approximately 240 m south of the *Humber River*. The local hydrogeology is controlled by this waterbody, the underlying geology, and the topography and is inferred to be directed northwest and northwards.

The regional groundwater table is estimated to occur more than 5 m below grade, however, locally perched groundwater conditions may occur at shallower depths. The regional groundwater flow is likely directed southwards towards Lake Ontario.

Seasonal fluctuations in the water levels should be expected. Local disruptions in the groundwater flow direction could also result from the presence of buried utility conduits along Nunnville Road.

It is not expected that any uncertainty or absence of information would affect the validity of the Conceptual Site Model (CSM).

8.0 CONCLUSION

Historically, the Phase One Property comprised cultivated fields prior to the construction of the existing single-storey dwelling in 1970. The Phase One Property has remained the same ever since.

The historical land uses of the surrounding areas were similar to the Phase One Property. The surrounding areas were also agricultural lands prior to 1970s. The Phase One Study Area was subsequently developed with residential subdivisions.

There were no past dry-cleaning facilities, automotive repair garages, or gasoline service stations noted within a 250 m radius of the Phase One Property.

Based on the findings of the historical records review, site reconnaissance, and personal interviews, no PCAs or APECs were identified with the Phase One Property and/or Phase One Study Area as described in *Subsections 7.2.1* and *7.2.2* as a result of current or past land uses.

Therefore, no further assessment or remedial actions are warranted at this time.

8.1 LIMITATIONS

Services performed by **AiMS Environmental** were conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the environmental

consulting engineering profession. This report does not exhaustively cover all possible environmental conditions or circumstances that may exist on the property. If a service is not expressly indicated, it should not be assumed that it was provided.

In evaluating the subject site, **AiMS Environmental** has relied on the Client to provide all existing relevant reports. Furthermore, we also relied in good faith on information provided by any other individuals noted in the report. We assume that all the information provided is factual and accurate. We accept no responsibility for any deficiencies, misstatements, or inaccuracies contained in this report as a result of omissions, misrepresentation, or fraudulent acts by the Client or any persons contacted.

It should be recognized that the passage of time affects the information provided in this report. Environmental conditions of a property can change. Opinions relating to the site conditions are based upon information that existed at the time the conclusions were formulated. It should also be noted that current environmental guidelines and regulations are subject to change; such changes, when put into effect, could alter the conclusions and recommendations noted through this report.

AiMS Environmental



Enqi Xiang, M.Sc., EPT.
Environmental Scientist



Naveed Rehman, P.Geo., QP_{ESA}
Senior Project Manager



9.0 REFERENCES

Chapman L.J. and D.F. Putnam, *The Physiography of Southern Ontario*, Ministry of Natural Resources, 1984.

Google Inc., *Google Earth* (Version 6.1.0.5001) [Software], 2011.

Ministry of Natural Resources & Forestry, Land Information Ontario – *Make a Map: Natural Heritage Areas* [Interactive Map], 2012-2018.

Ontario Geological Survey, *Soil Gas Study of Southern Ontario*, 1993 Open File Report 5847.

Ontario Ministry of the Environment, Conservation and Parks (MECP), Waste Management Branch, *Inventory of Coal Gasification Plant Waste Sites*, 1987.

Ontario Ministry of the Environment, Conservation and Parks (MECP), Waste Management Branch, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, 1988.

Ontario Ministry of the Environment, Conservation and Parks (MECP), Waste Management Branch, *Waste Disposal Inventory*, 1991.

Ontario Ministry of the Environment, Conservation and Parks (MECP), Waste Management Branch, *Ontario Inventory of PCB Storage Sites*, 2004.

Regional Municipality of Peel, 1960-2023 Orthophotography

Region of Peel Maps, 2023

STATEMENT OF ASSESSOR QUALIFICATIONS

Enqi Xiang, M.Sc. E.Pt.

Phase I & II Environmental Site Assessments (ESAs)

This Phase I/II ESA or environmental investigation report was written by Enqi Xiang under the direction of Mr. Sidney Joseph and/or Mr. Naveed Rehman, P.Geo., both Designated Consulting Engineers with *AiMS Environmental*.

Miss Xiang is a graduate of the University of Toronto, with a Master of Science and an Honours Bachelor of Science, Specialist in Environmental Chemistry. She is also an Environmental Professional in Training with ECO Canada. She has experience in the environmental consulting field conducting Phase I and II ESAs in accordance with the *Canadian Standards Association (CSA) Z768-01* environmental protocols, the Consulting Engineers of Ontario's *Generally Accepted Standards for Environmental Investigations*, and the *Canadian Mortgage & Housing Corporation (CMHC)* environmental site investigation procedures for mortgage loan insurance.

Miss Xiang has also gained experience conducting Tank Removal, Vapor Barrier System Installation, Designated Hazardous Materials Inspections (specifically – the identification of asbestos-containing materials), in-door air quality inspection, and groundwater, surface water, and soil sampling and monitoring.

rev. May 2025



STATEMENT OF ASSESSOR QUALIFICATIONS

Naveed Rehman, P.Geo.

Mr. Naveed Rehman is a graduate of the University of Toronto with a Bachelor of Science (B.Sc.) Degree in Geology and is a licensed Professional Geoscientist (P.Geo.) in Ontario, and Qualified Person (QP_{ESA}) under the Ontario Ministry of Environment's requirements of O.Reg. 153/04 and O.Reg. 406/19

Mr. Naveed Rehman is a Senior Project Geoscientist with over fourteen years of professional experience in environmental site assessments, remediation and geological exploration projects.

His experience includes in the areas of Phase I/One and Phase II/Two Environmental Site Assessments (ESAs), indoor air quality sampling, wastewater investigations, testing and monitoring, site clean-up and remediation, and soil and groundwater investigations. Mr. Rehman has extensive experience in site reconnaissance, field investigations, supervising and monitoring air quality assessment projects, overseeing site clean-up and/or remediation programs. He has completed many ESAs for commercial, residential, and industrial properties and has completed several Records of Site Condition.

Mr. Naveed ensures that AiMS Environmental professional services are provided to the highest engineering standards and that are environmental projects fully comply with all relevant environmental guidelines and ministry regulations.

rev. January 2025





LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits



Drawing Title:
PHASE ONE STUDY AREA

Address: **13286 Nunnville Road
Caledon, Ontario**

File Name: **AR115-25 D001**

Project No.: **AR115-25**

Scale:
0 200 400 600 800 1000 m

1 : 20 000

Paper Size:
8.5 x 11 in

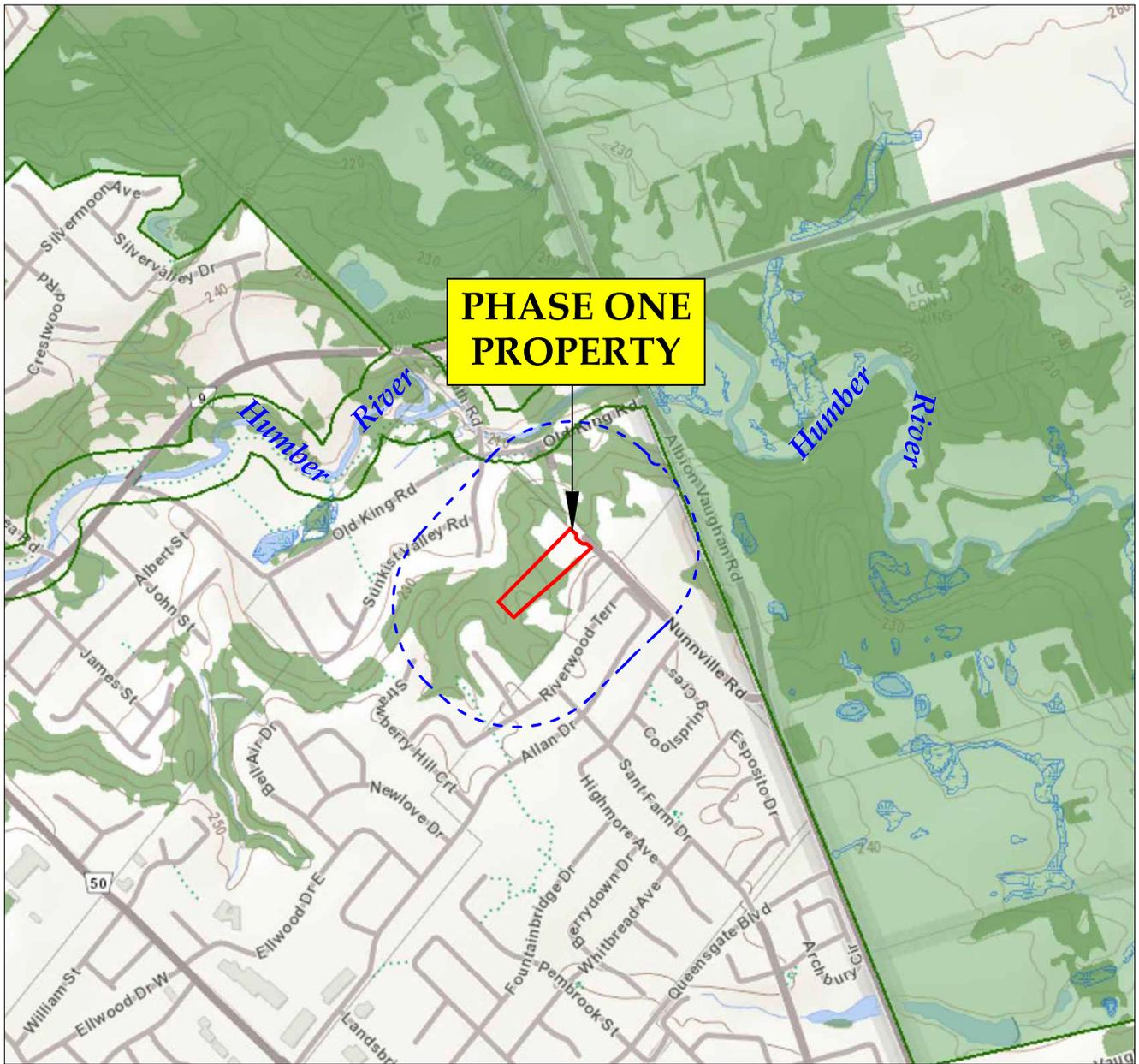
Completed by:
EX

Drawing No.:

Date:
2025/04/30

Reviewed by:
MJ

1



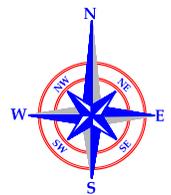
Map referenced: Ministry of Natural Resources and Forestry - Natural Heritage Areas

The following maps were checked for the Subject Property and Study Area (250 meter radius buffer):

- (1) Natural Heritage Areas (Interactive Map) in Ministry of Natural Resources and Forestry. Selected layers: Greenbelt Area Boundary Woodland, Wetlands, Conservation Reserves, Provincial Parks, and Natural Heritage Systems.
- (2) Regional Municipality of Peel Interactive Map (2023). Selected layers: Conservation Authorities, and Contours.

LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits
- River
- Greenbelt Area Boundary
- Natural Heritage System
- Woodland
- Evaluated Wetland



Drawing Title:
ANSI AND WATER BODIES

Address: **13286 Nunnville Road
Caledon, Ontario**

File Name: **AR115-25 D002** Project No.: **AR115-25**

Scale:
0 150 300 750 m



1 : 15 000

Paper Size:

8.5 x 11 in

Date:

2025/04/30

Completed by:

EX

Reviewed by:

MJ

Drawing No.:

2



PHASE ONE PROPERTY

LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits
- Inferred Direction of Ground Water Flow



Drawing Title:
CSM - PHASE ONE STUDY AREA

Address:
**13286 Nunnville Road
Caledon, Ontario**

File Name:
AR115-25 D003

Project No.:
AR115-25

Scale:
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Date:
2025/04/30

Completed by:
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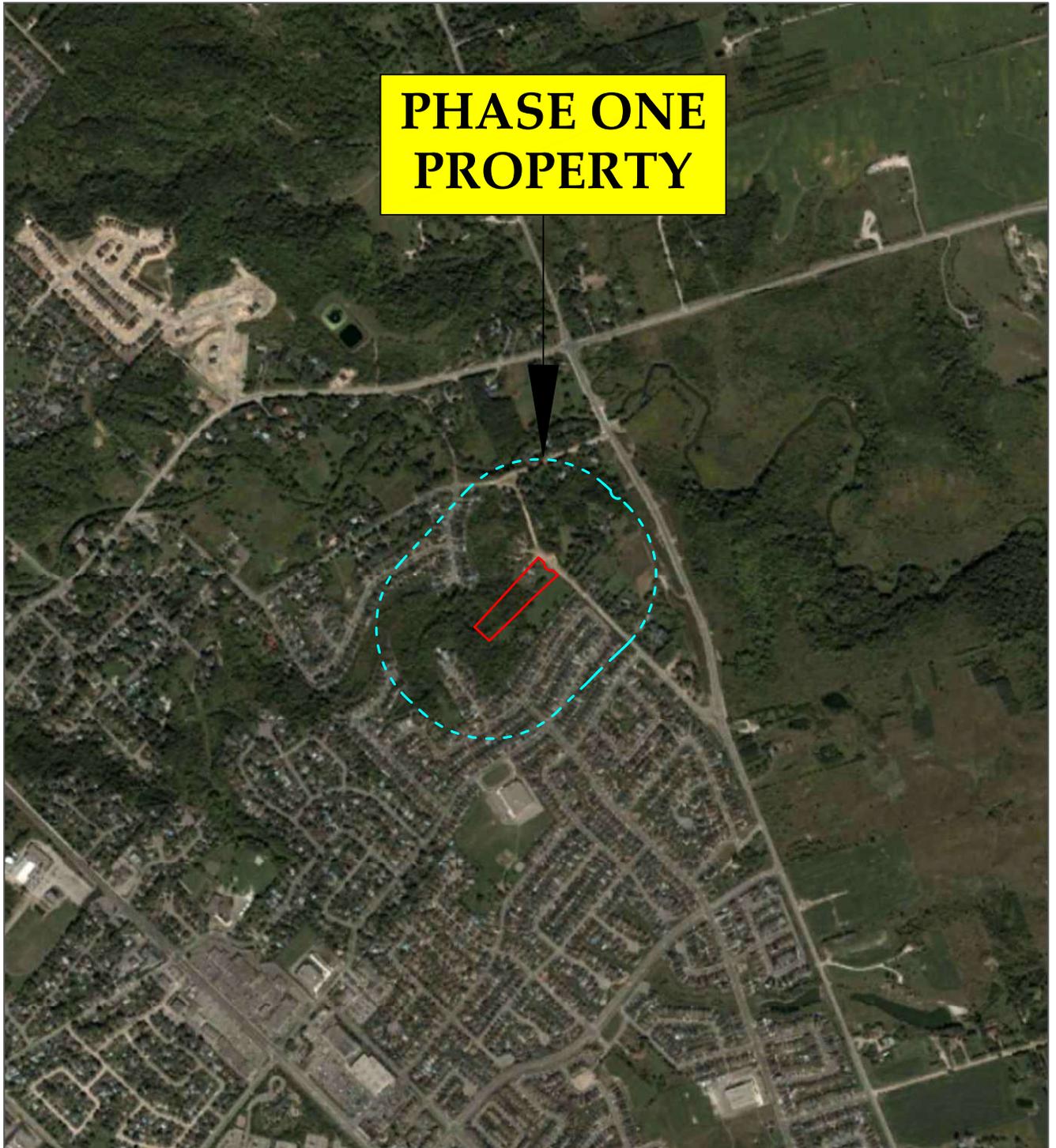
Reviewed by:
MJ

Drawing No.:

3

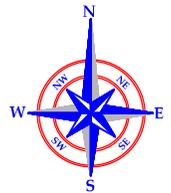
APPENDIX A

PHASE ONE PROPERTY



LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits



Photograph Title:
2004 Aerial Photograph

Address:
**13286 Nunnville Road
Caledon, Ontario**

File Name:
AR115-25 A001

Project No.:
AR115-25

Scale:
0 150 300 750 m



1 : 15 000

Paper Size:
8.5 x 11 in

Completed by:
EX

Date:
2025/04/30

Reviewed by:
MJ

Photograph No.:

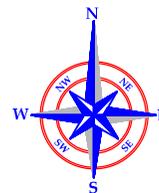
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PHASE ONE PROPERTY



LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits



Photograph Title:
2006 Aerial Photograph

Address:
**13286 Nunnville Road
Caledon, Ontario**

File Name:
AR115-25 A002

Project No.:
AR115-25

Scale:
0 150 300 750 m



1 : 15 000

Paper Size:
8.5 x 11 in

Completed by:
EX

Photograph No.:

Date:
2025/04/30

Reviewed by:
MJ

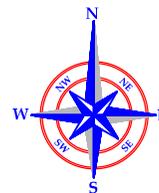
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**PHASE ONE
PROPERTY**

LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits



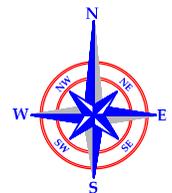
Photograph Title: <p style="text-align: center;">2019 Aerial Photograph</p>		Scale: <p style="text-align: center;">1 : 15 000</p>	
Address: <p style="text-align: center;">13286 Nunnville Road Caledon, Ontario</p>		Paper Size: 8.5 x 11 in	Completed by: EX
File Name: AR115-25 A003	Project No.: AR115-25	Date: 2025/04/30	Photograph No.: <p style="text-align: center; font-size: 2em;">3</p>
		Reviewed by: MJ	



**PHASE ONE
PROPERTY**

LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits



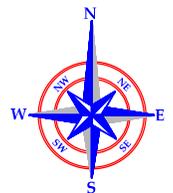
Photograph Title: 2022 Aerial Photograph		Scale: 0 150 300 750 m 1 : 15 000	
Address: 13286 Nunnville Road Caledon, Ontario		Paper Size: 8.5 x 11 in	Completed by: EX
File Name: AR115-25 A004	Project No.: AR115-25	Date: 2025/04/30	Reviewed by: MJ
			Photograph No.: 4



**PHASE ONE
PROPERTY**

LEGEND

- Phase One Property Limits
- - - Phase One Study Area Limits



Photograph Title:
2024 Aerial Photograph

Address:
**13286 Nunnville Road
Caledon, Ontario**

File Name:
AR115-25 A005

Project No.:
AR115-25

Scale:
0 150 300 750 m

1 : 15 000

Paper Size:
8.5 x 11 in

Completed by:
EX

Date:
2025/04/30

Reviewed by:
MJ

Photograph No.:

5



Photograph 6 West View of Single-Storey Dwelling at 13286 Nunnville Road



Photograph 7 East View of Single-Storey Dwelling at 13286 Nunnville Road



Photograph 8 General View of East Portion of the Phase One Property



Photograph 9 View of North Portion of the Phase One Property



Photograph 10 View of Septic Bed on Phase One Property



Photograph 11 View of Septic Tank on Phase One Property



Photograph 12 View of Domestic Portable Water Well Located at Rear of the Dwelling



Photograph 13 View of Water Softener and Sump Pump inside Dwelling

APPENDIX B



WATER WELL RECORD

Water management in Ontario 1. PRINT ONLY IN SPACES PROVIDED

2. CHECK CORRECT BOX WHERE APPLICABLE

11

4903685

MUNICIP.

49001

CON.

epw

07

COUNTY OR DISTRICT

PEEL

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

ALBION

CON., BLOCK, TRACT, SURVEY, ETC.

9

VII

LOT

25-27
~~28-29~~

DATE COMPLETED

DAY 18 MO 09 YR 71

R. I. Bolton Ont

59540

4

0725

5

24

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Top Soil			0	3
Brownish	Clay			3	28
Blue	Clay			28	60
Brown	Clay			60	70
Brown	Sand			70	74
Brown	Sandy Clay			74	90
Blue	Clay			90	150
Blue	Silt			150	177
Blue	Sandy Silt			177	269
Coarse	Sand			269	274
Blue	Sandy Clay			274	295
	Sand			295	300

31 0003602 0003602 0060305 0070005 0074009 009060509

32 0150335 0177306 026930609 0274 V0 029530509 0300 019

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	<input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL
15-18	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIA. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
10-11	<input checked="" type="checkbox"/> STEEL		0 - 296
12	<input type="checkbox"/> GALVANIZED		
13	<input type="checkbox"/> CONCRETE		
14	<input type="checkbox"/> OPEN HOLE		
17-18	<input type="checkbox"/> STEEL		20-23
19	<input type="checkbox"/> GALVANIZED		
20	<input type="checkbox"/> CONCRETE		
21	<input type="checkbox"/> OPEN HOLE		
24-25	<input type="checkbox"/> STEEL		27-30
26	<input type="checkbox"/> GALVANIZED		
27	<input type="checkbox"/> CONCRETE		
28	<input type="checkbox"/> OPEN HOLE		

52 SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
025	05.000	84

MATERIAL AND TYPE: *Sheldon Steel*

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	<input checked="" type="checkbox"/> SEAL
14-17	
18-21	
22-25	
26-29	
30-33	

71 PUMPING TEST METHOD

1 PUMP 2 BAILER

10 PUMPING RATE: 0010 GPM

11-14 DURATION OF PUMPING: 02 HOURS 30 MINS.

15-16 WATER LEVELS DURING PUMPING

STATIC LEVEL END OF PUMPING	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
135	135	145	155	155

17-18 WATER LEVELS DURING RECOVERY

30 MINUTES	45 MINUTES	60 MINUTES
155	155	155

19-21 IF FLOWING, GIVE RATE: 170 GPM

22-24 PUMP INTAKE SET AT: 170 FEET

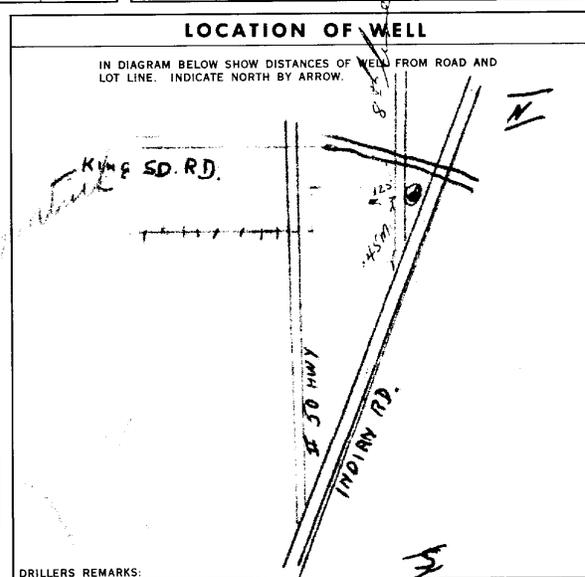
25 WATER AT END OF TEST: CLEAR

26-28 RECOMMENDED PUMP TYPE: SHALLOW DEEP

29-31 RECOMMENDED PUMP SETTING: 170 FEET

32-34 RECOMMENDED PUMPING RATE: 0007 GPM

35-37 50-53 000.5 GPM/FT. SPECIFIC CAPACITY



FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY

2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY

3 TEST HOLE 7 UNFINISHED

4 RECHARGE WELL

WATER USE

1 DOMESTIC 5 COMMERCIAL

2 STOCK 6 MUNICIPAL

3 IRRIGATION 7 PUBLIC SUPPLY

4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING

9 OTHER 9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL 6 BORING

2 ROTARY (CONVENTIONAL) 7 DIAMOND

3 ROTARY (REVERSE) 8 JETTING

4 ROTARY (AIR) 9 DRIVING

5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: *P. SPATUCK* LICENCE NUMBER: 4813

ADDRESS: RR 9 MISSISSAUGA, ONT.

NAME OF DRILLER OR BORER: ED. DOYLE LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: *Peter Spatuck* SUBMISSION DATE: DAY 18 MO 9 YR 71

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 4813 DATE RECEIVED: 230971

DATE OF INSPECTION: INSPECTOR:

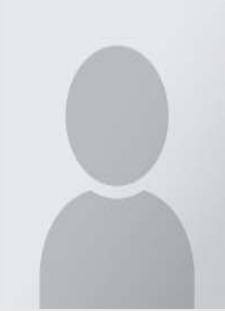
REMARKS:

APPENDIX C

Generated on March 26, 2025

13286 NUNNVILLE RD
BOLTON
L7E 2Z9

PIN 143552137



Basic Client Report

This report was prepared by:
Philippe El-Chami

Broker of Record
Cell: 416-722-5110
philippe@axxessrealty.com
www.axxessrealty.com

Axxess Realty Centre Inc.

244 Brockport Drive, Unit 15
Toronto, ontario, Canada, M9W 6X9
Office: 416-722-5110
Fax: 888-722-1049

Property Details - PIN 143552137

PIN:	143552137
Land Registry Office:	PEEL (43)
Land Registry Status:	Active
Registration Type:	Certified (Land Titles)
Ownership Type:	Freehold

Area:	149801.2 sq.ft (3.439 ac)
Perimeter:	1984.91 ft.
Measurements:	10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 10.24ft. x 64.29ft. x 791.53ft. x 167.96ft. x 334.63ft. x 459.59ft. x 50.82ft. x 8.17ft. x 8.17ft.
Legal Description:	PT LT 34 PL ALB4 AS IN RO1112196 SAVE & EXCEPT PT 1 PL 43R28884 CALEDON. S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE TOWN OF CALEDON OVER PT LT 34 PL ALB4 DES PT 2 PL 43R28884 AS IN PR598609

Aerial View Of Property
Street View
Assessment Information

ARN 212401000207900	Previous Assessment :	N/A
Taxation Year	Phased-In Assessment	
2025	\$1,023,000	
2024	\$1,023,000	
2023	\$1,023,000	
2022	\$1,023,000	

Sales History

Sale Date	Sale	Type
Jul 15, 2002	\$525,000	Transfer

Frontage: N/A Description:Single-family detached (not on water)

Depth: N/A Property Code:301

Based On: January 1, 2016 Current Assessment: \$1,023,000

Enhanced Site & Structure

Structures:

#	Year Built	Bed Rooms	Full Baths	Half Baths	Full Stories	Partial Stories	Split Level	Fireplaces
301	1970	4	2	1	1	No part storey	No Split	2

Assessment Roll Legal Description: CON 7 ALB PT E LOT 7 PLAN ALB4 PT LOT 34

Property Address:	13286 NUNNVILLE RD BOLTON ON L7E2Z9
Zoning:	R1-E56
Property Type:	RESIDENTIAL
Site Area:	2.96A
Site Variance:	Irregular
Driveway Type:	Unspecified/Not Applicable
Garage Type:	BASEMENT GARAGE
Garage Spaces:	2
Water Service Type:	N/A

Sanitation Type:	N/A
Pool:	Indoor :N, Outdoor :N
RRF AppealDate:	2016-09-13
Abut Details:	N/A
Onsite Details:	N/A
Proximity Details:	N/A
Waterfront Details:	N/A
Last Property Assessment Notice	2016-04-20
Property Owner Name:	N/A
Property Owner Mail:	N/A

Residential Property Tax Details

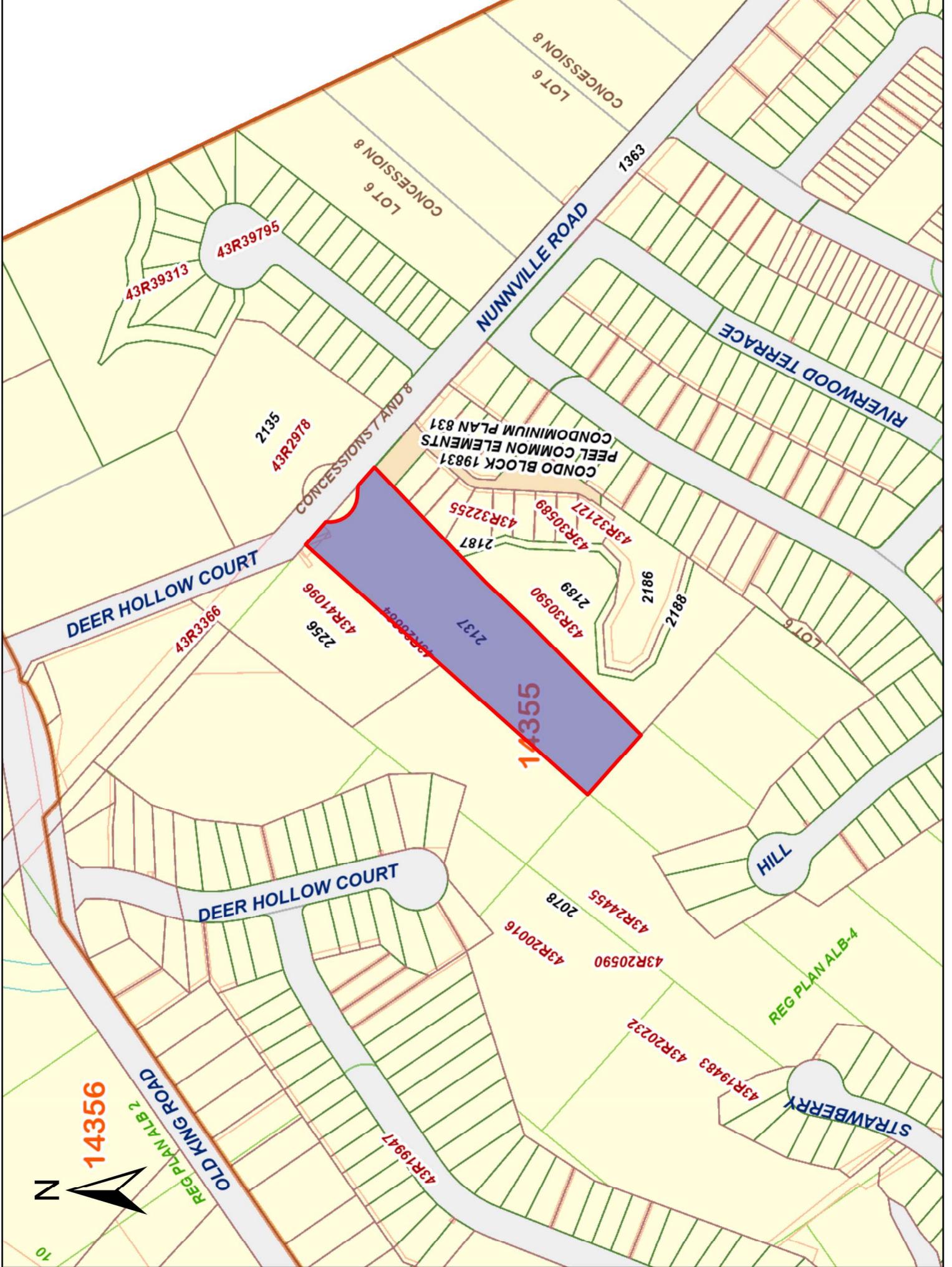
Year	Tax Estimate
2017	\$7,026
2018	\$7,430
2019	\$7,792
2020	\$8,150
2021	\$8,150
2022	\$8,401
2023	\$8,609
2024	\$9,125

Terms and Conditions

Currency of Information. Data contained in the Geowarehouse reports are not maintained real-time. Data contained in reports, other
Completeness of the Sales History Report: Some Sales History Reports may be incomplete due to the amount of data collected during
The Property Information Services, reports and information are provided "as is" and your use is subject to the applicable Legal Terms
and Conditions. Some information obtained from the Land Registry Information Services is not the official government record and

APPENDIX D

APPENDIX E



APPENDIX F



ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND

REGISTRY

OFFICE #43

14355-2137 (LT)

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

PAGE 1 OF 1
PREPARED
ON 2025/03/18

PROPERTY DESCRIPTION:

PT LT 34 PL ALB4 AS IN R01112196 SAVE & EXCEPT PT 1 PL 43R28884 CALEDON. S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE TOWN OF CALEDON.
34 PL ALB4 DES PT 2 PL 43R28884 AS IN PR598609

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FREE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

DIVISION FROM 14355-1337

OWNERS' NAMES

GEORGE, ADEL
DABBAGH, LANA

CAPACITY SHARE

JTEN
JTEN

PIN CREATION DATE
2004/03/18

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO
** PRINTOUT	INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **				
**SUBJECT,	ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:				
**	SUBSECTION 4#(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *				
**	AND ESCHEATS OR FORFEITURE TO THE CROWN.				
**	THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF				
**	IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY				
**	CONVENTION.				
**	ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.				
**DATE OF CONVERSION TO	LAND TITLES: 1999/08/26 **				
PR278558	2002/07/15	TRANSFER	\$525,000	HESTER, DIANE ELIZABETH	GEORGE, ADEL DABBAGH, LANA
43R28884	2004/01/22	PLAN REFERENCE			
PR598609	2004/03/01	TRANSFER EASEMENT		DABBAGH, LANA GEORGE, ADEL	THE CORPORATION OF THE TOWN OF CALEDON
PR3836970	2021/05/20	CHARGE	\$1,436,000	GEORGE, ADEL DABBAGH, LANA	THE TORONTO-DOMINION BANK
43R40179	2021/12/15	PLAN REFERENCE			

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

APPENDIX G



DATABASE REPORT

Project Property: *13286 Nunnville Rd
13286 Nunnville Road
Bolton ON L7E 2Z9
E7442*

Project No: *E7442*

Report Type: *Standard Report*

Order No: *25040700042*

Requested by: *Forward Engineering & Associates Inc.*

Date Completed: *April 10, 2025*

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Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
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Map.....	13
Aerial.....	14
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Executive Summary

Property Information:

Project Property: 13286 Nunnville Rd
13286 Nunnville Road Bolton ON L7E 2Z9

Project No: E7442

Coordinates:

Latitude: 43.8829309
Longitude: -79.7195658
UTM Northing: 4,859,667.15
UTM Easting: 602,859.66
UTM Zone: 17T

Elevation: 808 FT
246.35 M

Order Information:

Order No: 25040700042
Date Requested: April 7, 2025
Requested by: Forward Engineering & Associates Inc.
Report Type: Standard Report

Historical/Products:

Aerial Photographs Aerials - National Collection
ERIS Xplorer [ERIS Xplorer](#)
Topographic Map Ontario Base Map (OBM)

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFAS	<i>Ontario PFAS Spills</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PPHA	<i>Potential PFAS Handlers from EASR</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	3	3
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	9	9

Database

Name

Searched

*Project
Property*

Within 0.25 km

Total

Total:

0

19

19

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	RSC	BOLTON SUMMIT DEVELOPMENTS INC.	13290 NUNNVILLE ROAD ON Caledon ON	NW/53.8	-1.06	16
2	HINC		5 BATEMAN LANE BOLTON ON L7E 2Z9	ESE/105.8	4.51	16
3	WWIS		lot 7 con 7 ON Well ID: 4903685	NW/110.5	-9.18	17
4	WWIS		lot 7 con 7 ON Well ID: 4904237	W/128.6	-15.87	22
5	WWIS		13247 NUNNVILLE ROAD Caledon ON Well ID: 7336661	E/135.7	3.58	27
6	HINC		20 BATEMAN LANE BOLTON ON L7E 2Z9	SSE/139.4	3.73	30
7	WWIS		lot 7 con 8 ON Well ID: 4900444	ENE/169.6	-1.09	31
8	ECA	Bolton Midtown Developments Inc.	13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	E/173.6	1.79	34
8	ECA	Bolton Midtown Developments Inc.	13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	E/173.6	1.79	34
8	ECA	Bolton Midtown Developments Inc.	13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	E/173.6	1.79	35
8	RSC	BOLTON MIDTOWN DEVELOPMENTS INC.	13233 NUNNVILLE ROAD ON Caledon ON	E/173.6	1.79	35
9	WWIS		13247 NASHVILLE ROAD Caledon ON	ENE/195.3	-1.40	35

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7336660			
10	EHS		13233 and 13247 Nunnville Bolton ON L7E 2Z9	ENE/206.1	-1.41	38
11	WWIS		13247/13233 NUNNVILLE RD lot 7 con 8 BOLTON ON Well ID: 7394211	ENE/214.0	-1.43	38
12	SPL	Hydro One Inc.	7 Deer Hollow Crt Caledon ON L7E 1T2	WNW/222.9	-29.16	40
13	RSC	BOLTON MIDTOWN DEVELOPMENTS INC.	13247 NUNNVILLE ROAD ON Caledon ON	ENE/228.7	-2.10	41
14	WWIS		13247 NUNNVILLE ROAD Caledon ON Well ID: 7336663	ENE/242.9	-2.72	41
15	WWIS		13247 NUNNVILLE ROAD Caledon ON Well ID: 7336662	ENE/246.4	-2.40	45
16	WWIS		13247+13233 NUNNVILLE RD lot 7 con 7 BOLTON ON Well ID: 7394195	E/247.5	-2.79	47

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Feb 28, 2025 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bolton Midtown Developments Inc.	13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	E	173.62	<u>8</u>
Bolton Midtown Developments Inc.	13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	E	173.62	<u>8</u>
Bolton Midtown Developments Inc.	13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	E	173.62	<u>8</u> -----

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	13233 and 13247 Nunnville Bolton ON L7E 2Z9	ENE	206.14	<u>10</u>

HINC - TSSA Historic Incidents

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5 BATEMAN LANE BOLTON ON L7E 2Z9	ESE	105.77	<u>2</u> -----
	20 BATEMAN LANE BOLTON ON L7E 2Z9	SSE	139.40	<u>6</u>

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Feb 2025 has found that there are 3 RSC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
BOLTON MIDTOWN DEVELOPMENTS INC.	13233 NUNNVILLE ROAD ON Caledon ON	E	173.62	<u>8</u> -----

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
BOLTON SUMMIT DEVELOPMENTS INC.	13290 NUNNVILLE ROAD ON Caledon ON	NW	53.84	<u>1</u>

BOLTON MIDTOWN DEVELOPMENTS INC.	13247 NUNNVILLE ROAD ON Caledon ON	ENE	228.69	<u>13</u>
----------------------------------	---------------------------------------	-----	--------	---------------------------

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug-Jan 2025 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hydro One Inc.	7 Deer Hollow Crt Caledon ON L7E 1T2	WNW	222.86	<u>12</u>

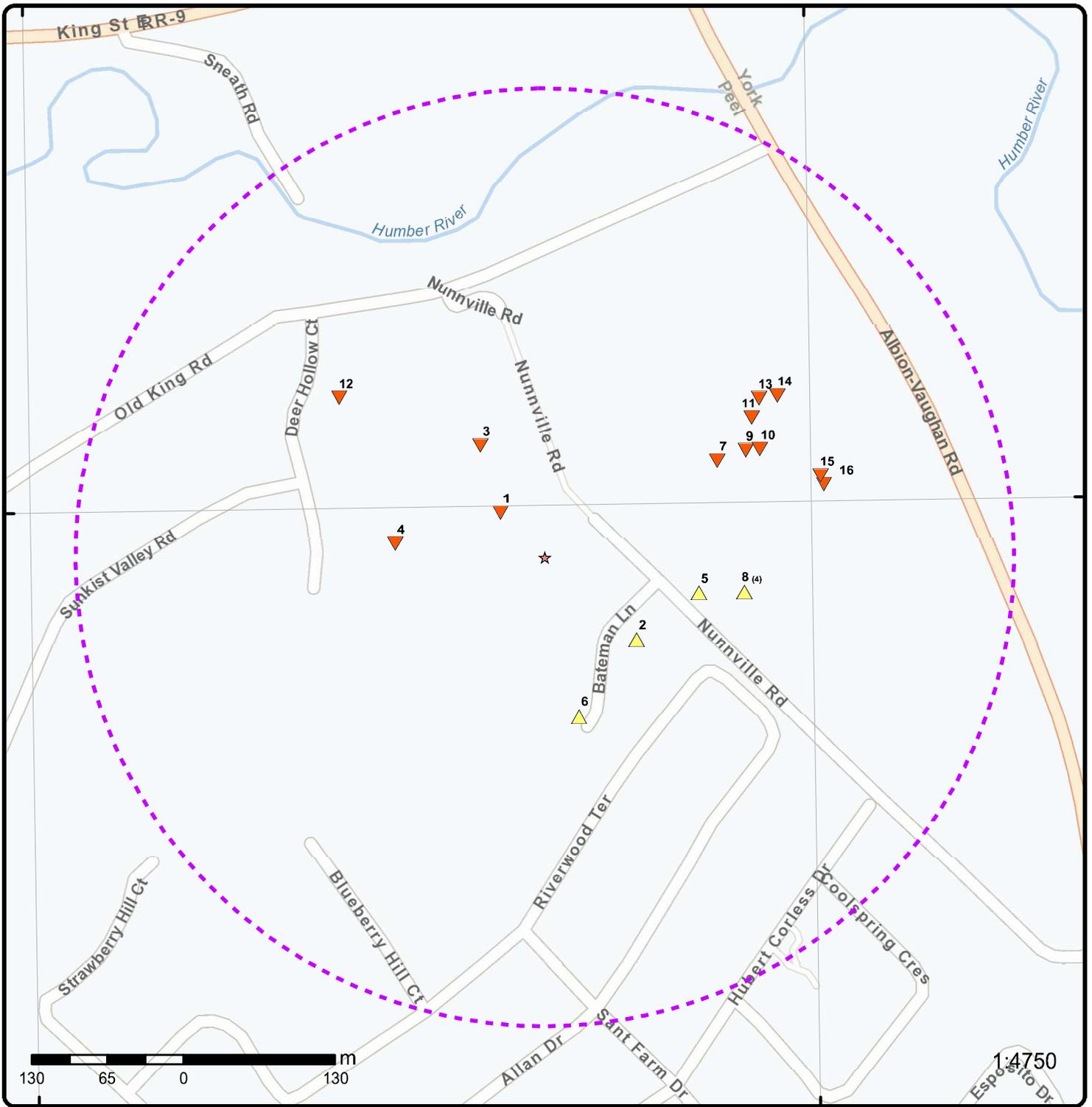
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	13247 NUNNVILLE ROAD Caledon ON <i>Well ID:</i> 7336661	E	135.73	<u>5</u> -----

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 7 con 7 ON <i>Well ID:</i> 4903685	NW	110.54	<u>3</u>

lot 7 con 7 ON	W	128.61	<u>4</u>
Well ID: 4904237			
lot 7 con 8 ON	ENE	169.56	<u>7</u>
Well ID: 4900444			
13247 NASHVILLE ROAD Caledon ON	ENE	195.29	<u>9</u>
Well ID: 7336660			
13247/13233 NUNNVILLE RD lot 7 con 8 BOLTON ON	ENE	214.04	<u>11</u>
Well ID: 7394211			
13247 NUNNVILLE ROAD Caledon ON	ENE	242.93	<u>14</u>
Well ID: 7336663			
13247 NUNNVILLE ROAD Caledon ON	ENE	246.45	<u>15</u> -----
Well ID: 7336662			
13247+13233 NUNNVILLE RD lot 7 con 7 BOLTON ON	E	247.46	<u>16</u>
Well ID: 7394195			



1:4750

Map: 0.25 Kilometer Radius

Order Number: 25040700042

Address: 13286 Nunnville Road, Bolton, ON

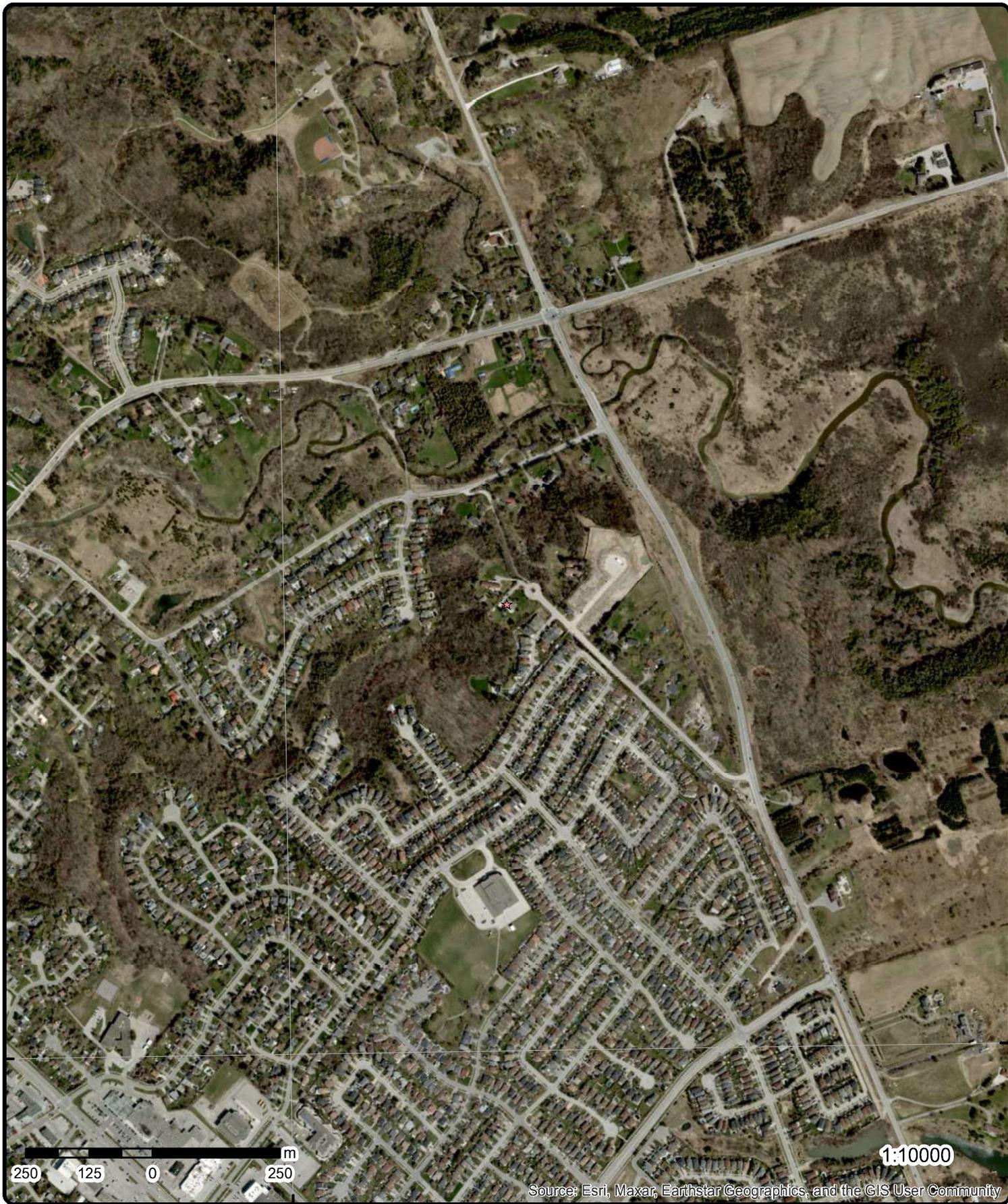


★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
⬭ Buffer Outline	Traffic Circle; Ramp	Airport	University/College
▲ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

79°43'30"W

43°52'30"N

43°52'30"N



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2022

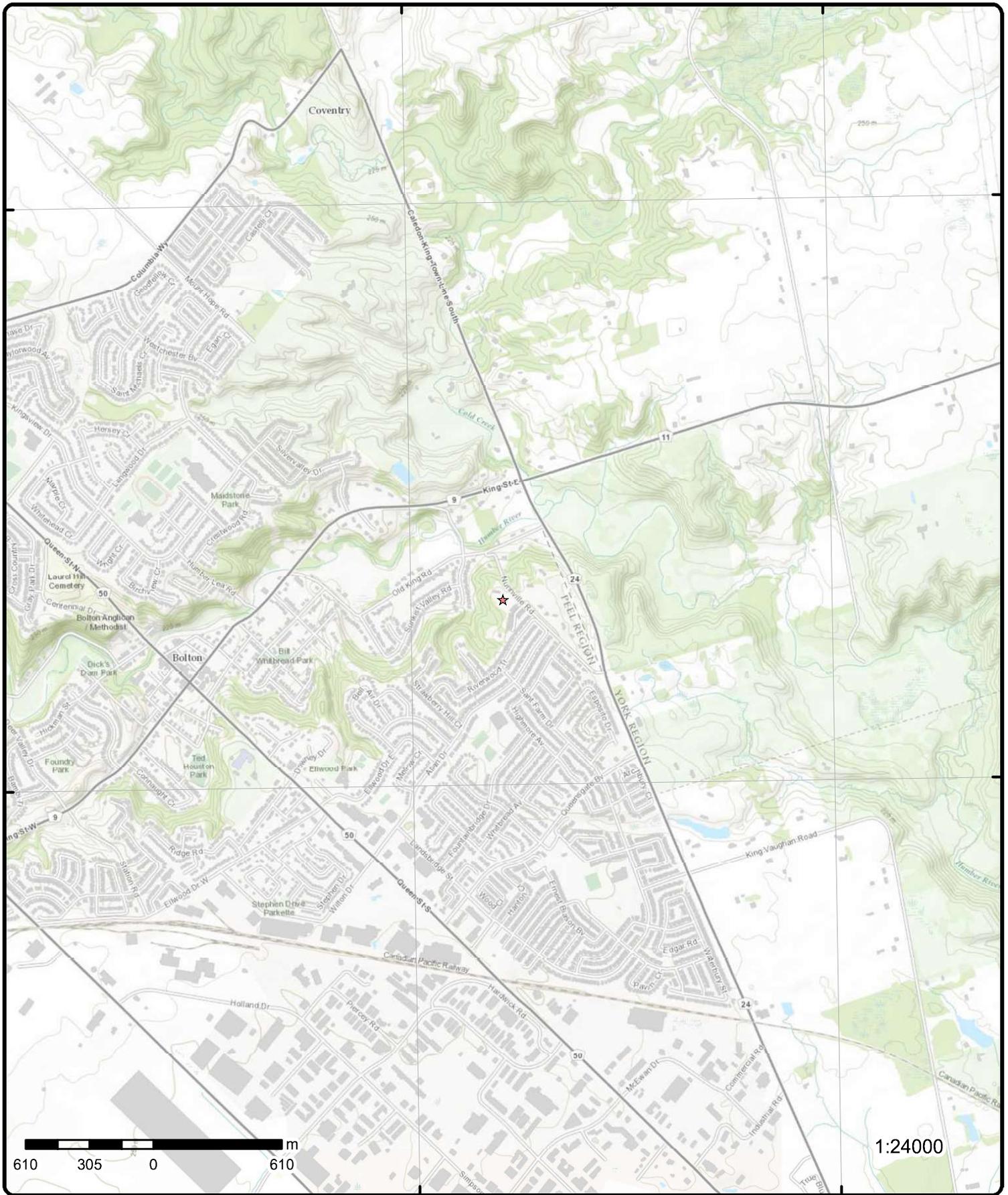
Order Number: 25040700042

Address: 13286 Nunnville Road, Bolton, ON



Source: ESRI World Imagery

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1:24000

Topographic Map

Order Number: 25040700042

Address: 13286 Nunnville Road, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB																																																																																																												
<u>1</u>	1 of 1	NW/53.8	245.3 / -1.06	BOLTON SUMMIT DEVELOPMENTS INC. 13290 NUNNVILLE ROAD ON Caledon ON	RSC																																																																																																												
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<u>2</u>	1 of 1	ESE/105.8	250.9 / 4.51	5 BATEMAN LANE BOLTON ON L7E 2Z9	HINC																																						
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Approx. Quant. Unit:
Environmental Impact:

<u>3</u>	1 of 1	NW/110.5	237.2 / -9.18	lot 7 con 7 ON	WWIS
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Well ID:	4903685	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/23/1971
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4813
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	PEEL
Elevatn Reliabilty:		Lot:	007
Depth to Bedrock:		Concession:	07
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903685.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/18/1971
Year Completed: 1971
Depth (m): 91.44
Latitude: 43.8838014069993
Longitude: -79.7202325600432
X: -79.7202324095012
Y: 43.88380140512031
Path: 490\4903685.pdf

Bore Hole Information

Bore Hole ID:	10318518	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	602804.60
Code OB Desc:		North83:	4859763.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	09/18/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932042653			
Layer:		5			
Color:		6			
General Color:		BROWN			
Material 1:		09			
Material 1 Desc:		MEDIUM SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		70.0			
Formation End Depth:		74.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042658			
Layer:		10			
Color:					
General Color:					
Material 1:		10			
Material 1 Desc:		COARSE SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		269.0			
Formation End Depth:		274.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042659			
Layer:		11			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		09			
Material 2 Desc:		MEDIUM SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		274.0			
Formation End Depth:		295.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042652			
Layer:		4			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		60.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042655			
Layer:		7			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		90.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042660			
Layer:		12			
Color:					
General Color:					
Material 1:		09			
Material 1 Desc:		MEDIUM SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		295.0			
Formation End Depth:		300.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042656			
Layer:		8			
Color:		3			
General Color:		BLUE			
Material 1:		06			
Material 1 Desc:		SILT			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		150.0			
Formation End Depth:		177.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042649			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042650			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042657			
Layer:		9			
Color:		3			
General Color:		BLUE			
Material 1:		06			
Material 1 Desc:		SILT			
Material 2:		09			
Material 2 Desc:		MEDIUM SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		177.0			
Formation End Depth:		269.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932042651			
Layer:		3			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		28.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932042654			
Layer:		6			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		09			
Material 2 Desc:		MEDIUM SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		74.0			
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964903685			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10867088			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930526080			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		296.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933359415			
Layer:		1			
Slot:		025			
Screen Top Depth:		296.0			
Screen End Depth:		300.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		994903685			
Pump Set At:					
Static Level:		135.0			
Final Level After Pumping:		155.0			
Recommended Pump Depth:		170.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		7.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		30			
Flowing:		No			

Draw Down & Recovery

Pump Test Detail ID: 935050478
Test Type: Draw Down
Test Duration: 60
Test Level: 155.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934531421
Test Type: Draw Down
Test Duration: 30
Test Level: 155.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934256889
Test Type: Draw Down
Test Duration: 15
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934785562
Test Type: Draw Down
Test Duration: 45
Test Level: 155.0
Test Level UOM: ft

Water Details

Water ID: 933791727
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 295.0
Water Found Depth UOM: ft

4 1 of 1 **W/128.6** **230.5 / -15.87** **lot 7 con 7**
ON **WWIS**

Well ID: 4904237 **Flowing (Y/N):**
Construction Date: **Flow Rate:**
Use 1st: Domestic **Data Entry Status:**
Use 2nd: 0 **Data Src:** 1
Final Well Status: Water Supply **Date Received:** 01/14/1974

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4778
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	007
Depth to Bedrock:				Concession:	07
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (ALBION)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904237.pdf			

Additional Detail(s) (Map)

Well Completed Date: 10/23/1973
Year Completed: 1973
Depth (m): 102.4128
Latitude: 43.8830554577175
Longitude: -79.7211572574121
X: -79.72115710628087
Y: 43.883055456422156
Path: 490\4904237.pdf

Bore Hole Information

Bore Hole ID:	10319025	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	602731.60
Code OB Desc:		North83:	4859679.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/23/1973	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 932044870
Layer: 7
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 276.0
Formation End Depth: 311.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932044872			
Layer:		9			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		314.0			
Formation End Depth:		336.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932044868			
Layer:		5			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		08			
Material 2 Desc:		FINE SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		245.0			
Formation End Depth:		272.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932044867			
Layer:		4			
Color:		3			
General Color:		BLUE			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		92.0			
Formation End Depth:		245.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932044864			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth: 0.0					
Formation End Depth: 1.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932044865					
Layer: 2					
Color: 6					
General Color: BROWN					
Material 1: 05					
Material 1 Desc: CLAY					
Material 2: 12					
Material 2 Desc: STONES					
Material 3:					
Material 3 Desc:					
Formation Top Depth: 1.0					
Formation End Depth: 32.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932044866					
Layer: 3					
Color: 3					
General Color: BLUE					
Material 1: 05					
Material 1 Desc: CLAY					
Material 2: 11					
Material 2 Desc: GRAVEL					
Material 3:					
Material 3 Desc:					
Formation Top Depth: 32.0					
Formation End Depth: 92.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932044869					
Layer: 6					
Color: 3					
General Color: BLUE					
Material 1: 05					
Material 1 Desc: CLAY					
Material 2: 08					
Material 2 Desc: FINE SAND					
Material 3: 11					
Material 3 Desc: GRAVEL					
Formation Top Depth: 272.0					
Formation End Depth: 276.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932044871			
Layer:		8			
Color:					
General Color:					
Material 1:		09			
Material 1 Desc:		MEDIUM SAND			
Material 2:		10			
Material 2 Desc:		COARSE SAND			
Material 3:		11			
Material 3 Desc:		GRAVEL			
Formation Top Depth:		311.0			
Formation End Depth:		314.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964904237			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10867595			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930526768			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		311.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933359516			
Layer:		1			
Slot:		014			
Screen Top Depth:		311.0			
Screen End Depth:		314.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		994904237			
Pump Set At:					
Static Level:		133.0			
Final Level After Pumping:		240.0			
Recommended Pump Depth:		240.0			
Pumping Rate:		7.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935043356			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		240.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934258521			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		190.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934787186			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		240.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934532636			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		225.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933792272			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		311.0			
Water Found Depth UOM:		ft			

5

1 of 1

E/135.7

249.9 / 3.58

13247 NUNNVILLE ROAD
Caledon ON

WWIS

Well ID: 7336661
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/12/2019
Selected Flag: TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Abandonment Rec:	
Audit No:	Z314886			Contractor:	7644
Tag:	A260419			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (ALBION)			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7336661.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/13/2019				
Year Completed:	2019				
Depth (m):	6.096				
Latitude:	43.8826410793914				
Longitude:	-79.7179246073382				
X:	-79.71792445601912				
Y:	43.882641077200596				
Path:	733\7336661.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1007516509			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602992.00
Code OB Desc:				North83:	4859637.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	06/13/2019			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008201610				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:	06				
Material 2 Desc:	SILT				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	1.0				
Formation End Depth:	20.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008201609			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202323			
Layer:		1			
Plug From:		0.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202324			
Layer:		2			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008203255			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008201083			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008203509			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		Inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:	1008203758				
Layer:	1				
Slot:	10				
Screen Top Depth:	10.0				
Screen End Depth:	20.0				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2.375				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:	1008204058				
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:	0				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:	1008202971				
Diameter:	6.0				
Depth From:	0.0				
Depth To:	20.0				
Hole Depth UOM:	ft				
Hole Diameter UOM:	Inch				

<u>6</u>	1 of 1	SSE/139.4	250.1 / 3.73	20 BATEMAN LANE BOLTON ON L7E 2Z9	HINC
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External File Num:	FS INC 0808-04500				
Fuel Occurrence Type:	Pipeline Strike				
Date of Occurrence:	8/13/2008				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - Causal Analysis(End)				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	No				
Property Damage:	No				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:No				
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
County Name:		Peel			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					

7	1 of 1	ENE/169.6	245.3 / -1.09	lot 7 con 8 ON	WWIS
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Well ID:	4900444	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	05/18/1965
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4813
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	PEEL
Elevatn Reliabilty:		Lot:	007
Depth to Bedrock:		Concession:	08
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4900444.pdf		

Additional Detail(s) (Map)

Well Completed Date:	05/11/1965
Year Completed:	1965
Depth (m):	79.248
Latitude:	43.8836560630211
Longitude:	-79.7177086411236
X:	-79.71770849022242
Y:	43.88365606152139
Path:	490\4900444.pdf

Bore Hole Information

Bore Hole ID:	10315292	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	603007.60
Code OB Desc:		North83:	4859750.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	05/11/1965	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932030111		
Layer:			4		
Color:					
General Color:					
Material 1:			09		
Material 1 Desc:			MEDIUM SAND		
Material 2:			05		
Material 2 Desc:			CLAY		
Material 3:					
Material 3 Desc:					
Formation Top Depth:			224.0		
Formation End Depth:			252.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932030110		
Layer:			3		
Color:					
General Color:					
Material 1:			06		
Material 1 Desc:			SILT		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			114.0		
Formation End Depth:			224.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932030109		
Layer:			2		
Color:			2		
General Color:			GREY		
Material 1:			05		
Material 1 Desc:			CLAY		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			22.0		
Formation End Depth:			114.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932030112		
Layer:			5		
Color:					
General Color:					
Material 1:			10		
Material 1 Desc:			COARSE SAND		
Material 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		252.0			
Formation End Depth:		260.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932030108			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964900444			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10863862			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930521386			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		256.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933358998			
Layer:		1			
Slot:		030			
Screen Top Depth:		256.0			
Screen End Depth:		260.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994900444
Pump Set At:
Static Level: 120.0
Final Level After Pumping: 120.0
Recommended Pump Depth: 130.0
Pumping Rate: 10.0
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: 1
Pumping Duration HR: 12
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933788397
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 252.0
Water Found Depth UOM: ft

<u>8</u>	1 of 4	E/173.6	248.1 / 1.79	Bolton Midtown Developments Inc. 13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	ECA
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Approval No: 0665-C36KTK
Approval Date: 2021-05-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Bolton Midtown Developments Inc.
Address: 13247 & 13233 Nunnville Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4067-C34Q2V-14.pdf>
PDF Site Location:

MOE District:
City:
Longitude:
Latitude:
Geometry X: -8874258.449
Geometry Y: 5447215.441100001

<u>8</u>	2 of 4	E/173.6	248.1 / 1.79	Bolton Midtown Developments Inc. 13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	ECA
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Approval No: 7775-C5LS5B
Approval Date: 2021-08-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Bolton Midtown Developments Inc.
Address: 13247 & 13233 Nunnville Rd

MOE District:
City:
Longitude: -79.71882
Latitude: 43.882103
Geometry X: -8874258.449
Geometry Y: 5447215.441100001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Full Address:
 Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5090-C4WRWF-14.pdf>
 PDF Site Location:

<u>8</u>	3 of 4	E/173.6	248.1 / 1.79	Bolton Midtown Developments Inc. 13247 & 13233 Nunnville Rd Caledon ON L5V 1B5	ECA
Approval No:	4495-C8WS4U			MOE District:	Halton-Peel
Approval Date:	December, 23 2021			City:	
Status:	Approved			Longitude:	-79.71882
Record Type:	ECA			Latitude:	43.882103
Link Source:	IDS			Geometry X:	-8874258.449
SWP Area Name:	Toronto			Geometry Y:	5447215.441100001
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Bolton Midtown Developments Inc.				
Address:	13247 & 13233 Nunnville Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9207-C55HDW-14.pdf				
PDF Site Location:	13247 & 13233 Nunnville Road Town of Caledon, Regional Municipality of Peel L7E 2Z9				

<u>8</u>	4 of 4	E/173.6	248.1 / 1.79	BOLTON MIDTOWN DEVELOPMENTS INC. 13233 NUNNVILLE ROAD ON Caledon ON	RSC
RSC No:	228764			X:	-79.71726594832944
RA No:				Y:	43.88375013261826
Status:	FILED			Latitude:	43.88375013
Filing Date:				Longitude:	-79.71726595
Date Ack:				UTM Coordinates:	
Date Returned:				Latitude Longitude:	
Approval Date:	June 24, 2021			Accuracy Estimate:	
Cert Date:				Measurement Method:	
Cert Prop Use No:				Mailing Address:	
Curr Property Use:				Telephone:	
Intended Prop Use:				Fax:	
Restoration Type:				Email:	
Soil Type:				Postal Code:	L7E 2Z9
Criteria:				Ministry District:	
Stratified (Y/N):				MOE District:	Halton-Peel
Audit (Y/N):				SWP Area Name:	Toronto
Entire Leg Prop. (Y/N):				Qual Person Name:	ELENI BEYENE
CPU Issu Sect 1686:				Consultant:	
Business Name:	BOLTON MIDTOWN DEVELOPMENTS INC.				
Address:	13233 NUNNVILLE ROAD ON				
Legal Desc:					
Site Pin:	14355-2217 (LT)				
Asmt Roll No:					
Project Type:	POST2011				
Approval Type:	RSC based on Phase One ESA				
Applicable Standards:					
PDF Link:	https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=228764				

<u>9</u>	1 of 1	ENE/195.3	244.9 / -1.40	13247 NASHVILLE ROAD Caledon ON	WWIS
Well ID:	7336660			Flowing (Y/N):	
Construction Date:				Flow Rate:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	07/12/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z314885			Contractor:	7644
Tag:	A260481			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (ALBION)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7336660.pdf				

Additional Detail(s) (Map)

Well Completed Date: 06/13/2019
Year Completed: 2019
Depth (m): 6.096
Latitude: 43.8837336675601
Longitude: -79.7174032342275
X: -79.71740308287917
Y: 43.88373366595538
Path: 733\7336660.pdf

Bore Hole Information

Bore Hole ID:	1007516462	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	603032.00
Code OB Desc:		North83:	4859759.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	06/13/2019	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1008201608
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008201607			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202322			
Layer:		2			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008202321			
Layer:		1			
Plug From:		0.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008203254			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008201082			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008203508			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008203757			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008204057			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1008202970			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			

10 1 of 1 **ENE/206.1** **244.9 / -1.41** **13233 and 13247 Nunnville Bolton ON L7E 2Z9** **EHS**

Order No:	20190607069	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	13-JUN-19	Search Radius (km):	.25
Date Received:	07-JUN-19	X:	-79.717258
Previous Site Name:		Y:	43.883742
Lot/Building Size:			
Additional Info Ordered:			

11 1 of 1 **ENE/214.0** **244.9 / -1.43** **13247/13233 NUNNVILLE RD lot 7 con 8 BOLTON ON** **WWIS**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7394211			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	08/05/2021
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z350788			Contractor:	3108
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliability:				Lot:	007
Depth to Bedrock:				Concession:	08
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		CALEDON TOWN (ALBION)			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/739\7394211.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/21/2021
Year Completed: 2021
Depth (m):
Latitude: 43.8839850091572
Longitude: -79.717335598339
X: -79.71733544692371
Y: 43.88398500758838
Path: 739\7394211.pdf

Bore Hole Information

Bore Hole ID:	1008731322	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	603037.00
Code OB Desc:		North83:	4859787.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	06/21/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 1009991102
Layer: 1
Color:
General Color:
Material 1:
Material 1 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:					
Material 2 Desc:					
Material 3:		27			
Material 3 Desc:		OTHER			
Formation Top Depth:		0.0			
Formation End Depth:		303.0			
Formation End Depth UOM:		ft			
<u>Pipe Information</u>					
Pipe ID:		1009770557			
Casing No:		0			
Comment:					
Alt Name:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1009993822			
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:					
12	1 of 1	WNW/222.9	217.2 / -29.16	Hydro One Inc. 7 Deer Hollow Crt Caledon ON L7E 1T2	SPL
Ref No:	7784-AYBQ7R			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	2018/04/30			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	2018/04/30			Impact to Health:	2 - Minor Environment
Dt Document Closed:				Agency Involved:	
Site No:	7981-AYLFZ5				
MOE Response:	No				
Site County/District:	Regional Municipality of Peel				
Site Geo Ref Meth:	NA				
Site District Office:	Halton-Peel				
Nearest Watercourse:					
Site Name:	7 Deer Hollow Crt.				
Site Address:	7 Deer Hollow Crt				
Site Region:	Central				
Site Municipality:	Caledon				
Site Lot:					
Site Conc:	NA				
Site Geo Ref Accu:	NA				
Site Map Datum:	NA				
Northing:	NA				
Easting:	NA				
Entity Operating Name:					
Client Name:	Hydro One Inc.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Type: Source Type: Incident Cause: Incident Preceding Spill: Incident Reason: Incident Summary: Environment Impact: Health Env Consequence: Nature of Impact: Contaminant Qty: Contaminant Qty 1: Contaminant Unit: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Call Report Locatn Geodata: Time Reported: System Facility Address:		Corporation Unknown / N/A Leak/Break Equipment Failure Hydro One: 75L transformer oil to grnd, cnted. 75 L 75 L 15 TRANSMISSION OIL 1993 Land Miscellaneous Communal TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill			

<u>13</u>	1 of 1	ENE/228.7	244.2 / -2.10	BOLTON MIDTOWN DEVELOPMENTS INC. 13247 NUNNVILLE ROAD ON Caledon ON	RSC
RSC No:	228764			X:	-79.71726594832944
RA No:				Y:	43.88375013261826
Status:	FILED			Latitude:	43.88375013
Filing Date:				Longitude:	-79.71726595
Date Ack:				UTM Coordinates:	
Date Returned:				Latitude Longitude:	
Approval Date:	June 24, 2021			Accuracy Estimate:	
Cert Date:				Measurement Method:	
Cert Prop Use No:				Mailing Address:	
Curr Property Use:				Telephone:	
Intended Prop Use:				Fax:	
Restoration Type:				Email:	
Soil Type:				Postal Code:	L7E 2Z9
Criteria:				Ministry District:	
Stratified (Y/N):				MOE District:	Halton-Peel
Audit (Y/N):				SWP Area Name:	Toronto
Entire Leg Prop. (Y/N):				Qual Person Name:	ELENI BEYENE
CPU Issu Sect 1686:				Consultant:	
Business Name:	BOLTON MIDTOWN DEVELOPMENTS INC.				
Address:	13247 NUNNVILLE ROAD ON				
Legal Desc:					
Site Pin:	14355-2217 (LT)				
Asmt Roll No:					
Project Type:	POST2011				
Approval Type:	RSC based on Phase One ESA				
Applicable Standards:					
PDF Link:	https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=228764				

<u>14</u>	1 of 1	ENE/242.9	243.6 / -2.72	13247 NUNNVILLE ROAD Caledon ON	WWIS
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7336663			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	07/12/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z314884			Contractor:	7644
Tag:	A260421			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (ALBION)				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7336663.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/13/2019
Year Completed: 2019
Depth (m): 27.432
Latitude: 43.8841529623734
Longitude: -79.7170581264202
X: -79.71705797537213
Y: 43.88415296000248
Path: 733\7336663.pdf

Bore Hole Information

Bore Hole ID:	1007516515	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	603059.00
Code OB Desc:		North83:	4859806.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	06/13/2019	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 1008201613
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:		68			
Material 3 Desc:		DRY			
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008201614			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:					
Material 2 Desc:					
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		1.0			
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202330			
Layer:		4			
Plug From:		79.0			
Plug To:		90.0			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202328			
Layer:		2			
Plug From:		10.0			
Plug To:		68.0			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202327			
Layer:		1			
Plug From:		0.0			
Plug To:		10.0			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202329			
Layer:		3			
Plug From:		68.0			
Plug To:		79.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		1008203256			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008201085			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008203511			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		80.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008203760			
Layer:		1			
Slot:		10			
Screen Top Depth:		80.0			
Screen End Depth:		90.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008204060			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1008202974			
Diameter:		4.75			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		10.0			
Depth To:		90.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			
<u>Hole Diameter</u>					
Hole ID:		1008202973			
Diameter:		5.5			
Depth From:		0.0			
Depth To:		10.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			

<u>15</u>	1 of 1	ENE/246.4	243.9 / -2.40	13247 NUNNVILLE ROAD Caledon ON	WWIS
Well ID:	7336662			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	07/12/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z314887			Contractor:	7644
Tag:	A265285			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	PEEL
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	CALEDON TOWN (ALBION)				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7336662.pdf				

Additional Detail(s) (Map)

Well Completed Date:	06/13/2019
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.8835266922408
Longitude:	-79.716610977911
X:	-79.71661082746046
Y:	43.88352669049847
Path:	733\7336662.pdf

Bore Hole Information

Bore Hole ID:	1007516512	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	603096.00
Code OB Desc:		North83:	4859737.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	06/13/2019	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008201611			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008201612			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		06			
Material 2 Desc:		SILT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202326			
Layer:		2			
Plug From:		9.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008202325			
Layer:		1			
Plug From:		0.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		1008201084			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008203510			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008203759			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008204059			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1008202972			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			

[16](#)

1 of 1

E/247.5

243.6 / -2.79

13247+13233 NUNNVILLE RD lot 7 con 7
BOLTON ON

WWIS

Well ID:

7394195

Flowing (Y/N):

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Z350791 Tag: A260419 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: CALEDON TOWN (ALBION) Site Info:		Flow Rate: Data Entry Status: Data Src: Date Received: 08/05/2021 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 3108 Form Version: 7 Owner: County: PEEL Lot: 007 Concession: 07 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/739\7394195.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 06/21/2021 Year Completed: 2021 Depth (m): Latitude: 43.8834632628466 Longitude: -79.7165749946672 X: -79.71657484456064 Y: 43.883463261305174 Path: 739\7394195.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 1008731274 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 06/21/2021 Remarks: Location Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: Elevrc: Zone: 17 East83: 603099.00 North83: 4859730.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1009992018 Layer: 1 Plug From: Plug To: 92.0 Plug Depth UOM: ft					
<u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:			1009992021		
Layer:			4		
Plug From:					
Plug To:			22.0		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1009992019		
Layer:			2		
Plug From:					
Plug To:			22.0		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1009992020		
Layer:			3		
Plug From:					
Plug To:			22.0		
Plug Depth UOM:			ft		
<u>Pipe Information</u>					
Pipe ID:			1009770552		
Casing No:			0		
Comment:					
Alt Name:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:			1009993817		
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:					

Unplottable Summary

Total: 12 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Part of the West Half of Lot 6, Concession 7	Caledon ON	
CA	Albion-Vaughn Road	Lot 6 & 7, Concession 8	Caledon ON	
CA	Albion-Vaughn Road	Lot 6 & 7, Concession 8	Caledon ON	
CA	CALEDON TOWN	OLD KING RD./BOND ST.	CALEDON TOWN ON	
CA	HARBOUR VIEW INVESTMENTS LTD.	RIVERWOOD TERRACE/8TH LINE	CALEDON TOWN ON	
CA	HARBOUR VIEW INVESTMENTS LTD.	RIVERWOOD TERRACE/8TH LINE	CALEDON TOWN ON	
CA	HARBOUR VIEW INVESTMENTS LTD.	BOND ST./OLD KING RD.	CALEDON TOWN ON	
CA	HARBOUR VIEW INVESTMENTS LTD.	OLD KING RD./BOND ST.	CALEDON TOWN ON	
CA	HARBOUR VIEW INVESTMENTS LTD.	OLD KING RD. (S.W.M)	CALEDON TOWN ON	
CA	R.M. OF PEEL - VICTORIA ST.- FILE 90-1510	VICTORIA ST/JAMES ST/OLD KING	CALEDON TOWN ON	
ECA	Petro-Canada Limited	Part of the West Half of Lot 6, Concession 7	Caledon ON	L6L 6N5
SPL	ONTARIO HYDRO	LOT 6, CONC 7 ALBION TWP. TRANSFORMER	CALEDON TOWN ON	

Unplottable Report

Site: *Part of the West Half of Lot 6, Concession 7 Caledon ON* **Database:** CA

Certificate #: 8022-4UTK86
Application Year: 01
Issue Date: 3/15/01
Approval Type: Industrial sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Petro-Canada Limited
Client Address: 3275 Rebecca Street
Client City: Oakville
Client Postal Code: L6L 6N5
Project Description: This application is for approval for a technical amendment for a retaining wall to be constructed to contain drainage and avoid filling onto other adjacent properties for an existing gas station.
Contaminants:
Emission Control:

Site: *Albion-Vaughn Road
Lot 6 & 7, Concession 8 Caledon ON* **Database:** CA

Certificate #: 8615-5BFL59
Application Year: 02
Issue Date: 6/26/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Town of Caledon
Client Address: 6311 Old Church Road, Box 1000
Client City: Caledon
Client Postal Code: L0N 1E0
Project Description: This application is for approval to install storm sewers on Albion-Vaughan Road and Old King Road.
Contaminants:
Emission Control:

Site: *Albion-Vaughn Road
Lot 6 & 7, Concession 8 Caledon ON* **Database:** CA

Certificate #: 5766-5BBGFT
Application Year: 02
Issue Date: 6/26/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Town of Caledon
Client Address: 6311 Old Church Road, Box 1000
Client City: Caledon
Client Postal Code: L0N 1E0
Project Description: This application is for the construction of storm sewers, in conjunction with Contract No. 02-07, on Albion-Vaughan Road and Old King Road, in the Town of Caledon, Regional Municipality of Peel.
Contaminants:
Emission Control:

Site: *CALEDON TOWN
OLD KING RD./BOND ST. CALEDON TOWN ON* **Database:** CA

Certificate #: 3-1092-97-
Application Year: 97
Issue Date: 8/15/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HARBOUR VIEW INVESTMENTS LTD.
RIVERWOOD TERRACE/8TH LINE CALEDON TOWN ON

Database:
CA

Certificate #: 3-1072-97-
Application Year: 97
Issue Date: 8/11/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HARBOUR VIEW INVESTMENTS LTD.
RIVERWOOD TERRACE/8TH LINE CALEDON TOWN ON

Database:
CA

Certificate #: 7-0814-97-
Application Year: 97
Issue Date: 8/11/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HARBOUR VIEW INVESTMENTS LTD.
BOND ST./OLD KING RD. CALEDON TOWN ON

Database:
CA

Certificate #: 7-0535-94-
Application Year: 94
Issue Date: 6/28/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HARBOUR VIEW INVESTMENTS LTD.
OLD KING RD./BOND ST. CALEDON TOWN ON

Database:
CA

Certificate #: 3-0723-94-
Application Year: 94
Issue Date: 6/28/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HARBOUR VIEW INVESTMENTS LTD.
OLD KING RD. (S.W.M) CALEDON TOWN ON

Database:
CA

Certificate #: 3-1440-92-
Application Year: 92
Issue Date: 11/4/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF PEEL - VICTORIA ST.-FILE 90-1510
VICTORIA ST/JAMES ST/OLD KING CALEDON TOWN ON

Database:
CA

Certificate #: 3-1053-90-
Application Year: 90
Issue Date: 6/20/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Petro-Canada Limited
Part of the West Half of Lot 6, Concession 7 Caledon ON L6L 6N5

Database:
ECA

Approval No: 8022-4UTK86
Approval Date: 2001-03-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Petro-Canada Limited

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

Address: Part of the West Half of Lot 6, Concession 7
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7206-4UJM6U-14.pdf>
PDF Site Location:

Site: ONTARIO HYDRO
LOT 6, CONC 7 ALBION TWP. TRANSFORMER CALEDON TOWN ON

Database:
SPL

Ref No: 85698
Year:
Incident Dt: 5/15/1993
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/17/1993
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: CALEDON TOWN
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: COOLING SYSTEM LEAK
Incident Preceding Spill:
Incident Reason: DAMAGE BY MOVING EQUIPMENT
Incident Summary: ONTARIO HYDRO -3L TRANSF.OIL TO CLAY, BACKHOE HIT TRANSFORMER, CLEANED UP.
Environment Impact: CONFIRMED
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Nov 2024

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal [CDRY](#)

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial [CFOT](#)

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private [CHEM](#)

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private [CHM](#)

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private [CNG](#)

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

Government Publication Date: Dec 2012 -Feb 2025

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial [COAL](#)

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial [CONV](#)

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

Government Publication Date: 1989-Dec 2024

Certificates of Property Use:

Provincial [CPU](#)

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

Government Publication Date: 1994 - Feb 28, 2025

Drill Hole Database:Provincial [DRL](#)

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2024**Delisted Fuel Tanks:**Provincial [DTNK](#)

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

Government Publication Date: Oct 2023**Environmental Activity and Sector Registry:**Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Feb 28, 2025**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 - Feb 28, 2025**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, 2025**Environmental Effects Monitoring:**Federal [EEM](#)

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

Government Publication Date: 1992-2007***ERIS Historical Searches:**Private [EHS](#)

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

Government Publication Date: 1999-Aug 31, 2024**Environmental Issues Inventory System:**Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2023

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Oct 2023

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Nov 2024

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010***Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). 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-Jun 30, 2024**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

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

Government Publication Date: 2013-Apr 2024**TSSA Historic Incidents:**

Provincial

HINC

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

Government Publication Date: 2006-June 2009***Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003***Fuel Oil Spills and Leaks:**

Provincial

INC

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

Government Publication Date: 31 Oct, 2023**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022**Canadian Mine Locations:**

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

The Ministry of the Environment Conservation and Parks (MECP) 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. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

Government Publication Date: Dec 31, 2023

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

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

Government Publication Date: 2008-Dec 31, 2024

National Energy Board Wells:

Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPR2

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

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-May 31, 2024

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database includes well owner/operator, location, permit issue date, and well cap date, license number, status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provided for each well record.

Government Publication Date: 1800-Aug 2024

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994 - Feb 28, 2025

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-Feb 28, 2025

Ontario PFAS Spills:

Provincial

PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

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

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Feb 2024

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR:

Provincial

PPHA

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

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Feb 28, 2025

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Feb 2025

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jun 2024; Aug-Jan 2025

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970 - Apr 2024

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under 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, 2025

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX H

Joyce Semaan

From: Public Information Services <publicinformationservices@tssa.org>
Sent: March 27, 2025 1:24 PM
To: Joyce Semaan
Subject: RE: Fuel Storage Tanks

This e-mail comes from a sender outside of Forward Engineering

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

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

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

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

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

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

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

Kind regards,



Kimberly Gage | Public Information & Records Agent

Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3581 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org



Winner of 2024 5-Star Safety Cultures Award

From: Joyce Semaan <joyce@forwardengineering.ca>
Sent: March 27, 2025 10:06 AM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Fuel Storage Tanks

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hi

May you please check the address below for above or underground storage tanks.

13286 Nunnville Road, Bolton

Regards,
Joyce

Forward Engineering & Associates Inc.
244 Brockport Drive, Unit 15
Toronto, Ontario
M9W 6X9
P: 416 798 3500
F: 416 798 8481



FORWARD ENGINEERING & Associates Inc. _____

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

APPENDIX I

Ministry of the Environment,
Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

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

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2



April 12, 2025

Joyce Semaan
Forward Engineering & Associates Inc.
244 Brockport Drive, Unit 15
Toronto, Ontario M9W 6X9
joyce@forwardengineering.ca

Dear Joyce Semaan:

RE: MECP FOI A-2025-02033, Your Reference E7442 – Decision Letter

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

13286 Nunnville Road, Caledon

Time Period: 1930/01/01 to 2025/03/25

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned. This file is now closed.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Jessica Wilson at jessica.wilson@ontario.ca.

Yours truly,
Jessica Wilson

for
Josephine DeSouza
Manager, Access and Privacy Office