Phase I Environmental Site Assessment

12561 Centreville Creek Road,
Caledon, Ontario

Prepared for:

Paul and Gail Piercey
12561 Centreville Creek Road,
Caledon, ON L7C 3B7

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Issued To:	**Paul and Gail Piercey**
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Issuing Office:	**Mississauga, ON**
Primary Contact:	**Nichola Hooper, B.Sc.** **Senior Project Manager, Team Leader & KAM Leader** **647.287.4350** **nhooper@pinchin.com**

Author: Jessica Ramos, M.Env.Sc.
Project Technologist
365.822.3524
jramos@pinchin.com

Reviewer: Jason Dobbie, A.Sc.T.
Senior Project Manager
365.873.0323
jdobbie@pinchin.com

EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained on May 8, 2023 through an Authorization to Proceed, Limitation of Liability and Terms of Engagement contract form signed by Paul and Gail Piercey (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 12561 Centreville Creek Road, Caledon, Ontario (hereafter referred to as the Site).

The Site is developed with a dairy farm, consisting of one residential dwelling (Site Building A), one mobile home/trailer (Site Building B) and 10 agricultural outbuildings (Site Building C through L).

Pinchin was advised by the Client that the purpose of the Phase I ESA was to assess potential issues of environmental concern in relation to the potential divestiture of the Site.

The Phase I ESA was completed in general accordance with the Canadian Standards Association (CSA) document entitled *"Phase I Environmental Site Assessment, CSA Standard Z768-01"* dated November 2001 (reaffirmed 2022), including a review of readily-available historical records, a review of readily-accessible regulatory records, a Site reconnaissance, interviews, an evaluation of information and reporting, subject to the limitations outlined in Section 8.0 of this report.

Based on the results of the Phase I ESA completed by Pinchin, the following could result in potential subsurface impacts at the Site:

- Current and historical use of pesticides/herbicides at the Site;
- A pond was historically present within the north portion of the Site from approximately 1966 until 2022. The pond was potentially infilled with fill material of unknown quality. Based on observations made during Site reconnaissance, soil piles with construction debris (i.e., concrete and blocks) were observed entrained within this material. A pond was also historically located immediately northeast of Site Building D, and north of Site Buildings E and F from approximately 1951 to 2016. No evidence of this pond was observed at the time of the Site reconnaissance and therefore may have been backfilled with material of unknown quality; and
- Potential spill occurrences associated with the current and historical diesel aboveground storage tank used for fueling farm equipment (located northwest of Site Building I).

Based on the findings noted above, Pinchin recommends completing a Phase II ESA at the Site.

Given the years of construction of Site Buildings A, C, D, E, F and H (i.e., between at least 1951 and 1985), there is a potential for asbestos-containing materials to be present in these Site Buildings. Pinchin did not conduct an asbestos survey, nor was any destructive or intrusive sampling or inspection conducted as part of this Phase I ESA.

The Site Representatives advised Pinchin that no asbestos surveys have been previously conducted at the Site, and that an Asbestos Management Program has not been developed for or implemented at the Site.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

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1.0 INTRODUCTION

1.1 Background

Pinchin Ltd. (Pinchin) was retained on May 8, 2023 through an Authorization to Proceed, Limitation of Liability and Terms of Engagement contract form signed by Paul and Gail Piercey (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 12561 Centreville Creek Road, Caledon, Ontario (hereafter referred to as the Site).

The Site is developed with a dairy farm, consisting of one residential dwelling (Site Building A), mobile home/trailer (Site Building B) and 10 agricultural outbuildings (Site Building C through L).

Pinchin was advised by the Client that the purpose of the Phase I ESA was to assess potential issues of environmental concern in relation to the potential divestiture of the Site.

1.2 Scope of Work

The Phase I ESA was completed in general accordance with the Canadian Standards Association (CSA) document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2022), including a review of readily available historical and regulatory records, a Site reconnaissance, interviews, an evaluation of information and reporting, all subject to the limitations outlined in Section 8.0 of this report.

Pinchin conducted a Site reconnaissance on May 18, 2023, and was accompanied by the owners of the Site. These individuals have been familiar with the Site since 1955 and are hereafter referred to as the Site Representatives.

2.0 SITE DESCRIPTION

2.1 Site Location and Physical Description

As indicated on Figure 1 (Key Map), the Site is located on the northeast side of Centreville Creek Road, approximately 1.3 kilometers (km) southeast of the intersection of Centreville Creek Road and Healey Road, in Caledon, Ontario. The Site is situated in an area that predominantly consists of residential, agricultural, industrial and vacant land uses. Figure 2 illustrates the Site and surrounding area.

A summary of the physical description of the Site, including the Site Buildings, is provided below:

Topic	Details
Approximate Site Area	40 hectares (99 acres).
Buildings on-Site	Site Buildings A through L: Located on the southwest portion of the Site.

Topic	Details
Approximate Year of Construction and Significant Additions or Renovations	Site Building A: Prior to 1951. Additions were reported to have been constructed to the northeast in the 1960s, and an addition to the southwest in 1992. Site Building B: Approximately 2016. Site Building C: Approximately 1985. Site Building D: Approximately 1969. Site Buildings E and F: Prior to 1951. Site Building G: Approximately 2004. Site Building H: Approximately 1974. Site Building I: Approximately 2006. Site Building J: Approximately 2016. Site Building K and L: 2022.
Number of Floors (Including ground level)	Site Building A: Two. Site Buildings B through L: One. Pinchin notes that hay lofts are present in Site Buildings E, F and H.
Subsurface Levels	Site Building A: One basement level is located beneath the south portion of the Site Building (i.e., not below the garage located to the north portion of the Site Building). Site Buildings B through L: None observed and none reported by the Site Representatives.
Approximate Footprint Area of Building	Site Building A: 326 square metres (m²) (3,510 square feet (ft²)). Site Building B: 30 m² (328 ft²). Site Building C: 127 m² (1,368 ft²). Site Building D: 552 m² (5,938 ft²). Site Building E: 195 m² (2,109 ft²). Site Building F: 69 m² (752 ft²). Site Building G: 65 m² (701 ft²). Site Building H: 522 m² (5,621 ft²). Site Building I: 363 m² (3,910 ft²). Site Building J: 406 m² (4,379 ft²). Site Building K: 426 m² (2,653 ft²). Site Building L: 17 m² (188 ft²).

Topic	Details
Approximate Total Area of Building (excluding hay lofts)	Site Building A: 652 m² (7,018 ft²). Site Building B: 30 m² (328 ft²). Site Building C: 127 m² (1,368 ft²). Site Building D: 552 m² (5,938 ft²). Site Building E: 195 m² (2,109 ft²). Site Building F: 69 m² (752 ft²). Site Building G: 65 m² (701 ft²). Site Building H: 522 m² (5,621 ft²). Site Building I: 363 m² (3,910 ft²). Site Building J: 406 m² (4,379 ft²). Site Building K: 426 m² (2,653 ft²). Site Building L: 17 m² (188 ft²).
Heating / Cooling	Site Building A: Fuel oil-fired boiler supplying hydronic radiators and forced air furnace. Site Building B: Propane fired forced air furnace. Site Buildings C through L: None observed and none reported by the Site Representatives.
Elevators	None observed and none reported by the Site Representatives.
Emergency Generators	None observed and none reported by the Site Representatives.
Landscaped / Grassed/Bare Ground Areas	The majority of the Site was comprised of cultivated fields and/or bare grassed land.
Paved or Other Sealed Surface Materials	No paved or sealed surfaces were present on the Site.

2.2 Topographic, Geologic and Hydrogeological Setting

Topic	Findings
Topography of Site and Surrounding Area	The Site and surrounding area are generally flat, with a gradual slope to the southeast.
Site Grade Relative to the Adjoining Properties	The Site is at a similar grade to the adjoining properties.

Topic	Findings
Subsurface Soils	Clay to approximately 21.3 m below ground surface (mbgs) overlying shale to a depth of 28.9 mbgs, based on a review of the Ministry of the Environment, Conservation and Parks (MECP) well records database. Further, based on review of available soil mapping provided by Environmental Risk Information Services (ERIS), surficial soils in the area of the Site consist of a mixture of silty clay loam, clay loam, silty clay or clay till.
Fill Materials	None observed and none reported by the Site Representatives.
Bedrock Type	Sedimentary rocks consisting of shale, limestone, dolostone, and siltstone, based on available bedrock geology mapping provided by ERIS.
Inferred Bedrock Depth	Approximately 21.3 mbgs, based on a review of the MECP well records database.
Inferred Groundwater Depth	Approximately 25.9 mbgs, based on a review of the MECP well records database.
Nearest Open Water Body	West Humber River is located approximately 1.7 km northwest of the Site. West Humber River flows southeast and discharges into Lake Ontario, located approximately 30 km southeast of the Site.
Inferred Groundwater Flow Direction	Northeast from the north portion of the Site, east-northeast from the southeast of the Site, and southeast in the southwest portion of the Site.

2.3 Site Operations

The Site operates as a dairy farm. Agriculture/farm buildings are present within the southwest portion of the Site. Site Building A and B are utilized for residential purposes. Site Building C is utilized for the storage of old farm equipment and equipment repairs. Site Building D contains the milking equipment and houses the dairy cows. Calves and pregnant cows are housed in Site Building H. Site Buildings E and F were utilized for hay storage. Site Buildings I and J consisted of covered storage with baled hay stored in Site Building I and miscellaneous equipment storage in Site Building J. Site Building K is utilized as a greenhouse, while Site Building L was previously utilized as a farm stand, for selling eggs/vegetables. Multiple silos, used for storage of feed for cows, are present in the vicinity of the Site Buildings.

The east/southeast/northeast portion of the Site is utilized for agricultural purposes, growing forage (i.e., hay, wheat, etc.) for feeding the cows. Within the northwest portion of the Site is a man-made pond, which has reportedly been filled in with native material. See Section 3.2 for further information.

Further details regarding on-Site operations are provided in Section 5.0.

3.0 HISTORICAL RECORDS REVIEW

3.1 Site Interviews and Records

The Site Representatives advised Pinchin of the following with respect to the historical occupancy and operations at the Site:

- The farm was developed on undeveloped land in 1948;
- The original portion of Site Building A was constructed in 1948, with an addition to the north portion constructed in the 1960s and an addition to the south portion constructed in 1992;
- Heating for Site Building A has always been provided by an aboveground oil-fired boiler system;
- A former aboveground storage tank (AST) was present at the Site and was replaced by the current diesel AST in 2001. Refer to Section 5.2.1 for additional details;
- Occupants of the Site have always conducted agricultural and residential operations;
- Pesticides/herbicides have been historically used at the Site and are currently applied to crops. Based on the on-going use of pesticides/herbicides at the Site, it is Pinchin's opinion that it could result in potential subsurface impacts at the Site;
- No dry cleaning operations have historically taken place at the Site; and
- No retail fuel outlets (RFOs) have operated at the Site.

3.2 Aerial Photographs and Satellite Imagery

Copies of aerial photographs dated 1951, 1960, 1969, 1974, 1985, 1988 and 2021 were obtained from ERIS and reviewed by Pinchin. In addition, Pinchin reviewed Google Earth™ satellite imagery dated 2004, 2006, 2016 and 2022. It should be noted that accurate details could not be determined from the 1960, 1969, 1974, aerial photographs due to the low resolution of the photographs.

A summary of information inferred with respect to the Site is provided in the following table:

Year of Photograph	Site
1951 and 1960	The Site appeared to consist of buildings similar to Site Buildings A, E and F, within the southwest portion of the Site. The remainder of the Site appears to consist of undeveloped/agricultural land. A pond is located north of Site Buildings E and F.
1969	Similar to 1960, except a building similar in size and configuration to Site Building D has been constructed. Additionally, a pond is present within the north portion of the Site.

Year of Photograph	Site
1974	Similar to 1969, except a building similar in size and configuration to Site Building H has been constructed.
1985 and 1988	Similar to 1974, except a building similar in size and configuration to Site Building C has been constructed.
2004	Similar to 1988, except a building similar in size and configuration to Site Building G has been constructed. Additionally, Site Building A is similar in size and configuration to present-day.
2006	Similar to 2004, except a building similar in size and configuration to Site Building I has been constructed.
2016 and 2021	Similar to 2006, except buildings similar in size and configuration to Site Building B and J are present. The pond located northeast of Site Building D and north of Site Buildings E and F appears to have been infilled.
2022	Similar to 2021, except buildings similar in size and confirmation to site Buildings K and L have been constructed. Additionally, the previously mentioned pond on the north portion of the Site has been infilled.

A summary of information inferred with respect to the surrounding area is provided in the following table:

Year of Photograph	Northeast	Southeast	Southwest	Northwest
1951	Undeveloped/ agricultural land and inferred residential/farm dwelling.	Undeveloped/ agricultural land.	A roadway similar in location and orientation to present-day Centreville Creek Road followed by undeveloped/ agricultural land.	Undeveloped/ agricultural land.
1960	Similar to 1951.	Similar to 1951.	Similar to 1951.	Similar to 1951, except an inferred residential/farm dwelling has been constructed.
1969 and 1974	Similar to 1960.	Similar to 1960.	Similar to 1960, except an inferred residential/farm dwelling has been constructed.	Similar to 1960.

Year of Photograph	Northeast	Southeast	Southwest	Northwest
1985, 1988, 2004, 2006, 2016, 2021 and 2022	Similar to 1974.	Similar to 1974, except residential dwellings similar to present-day have been constructed immediately south/southeast of the Site.	Similar to 1974.	Similar to 1974, except a residential dwelling has been constructed immediately west of the Site.

A pond was historically present within the north portion of the Site from approximately 1966 until 2022. The Site Representatives advised Pinchin that the pond was infilled with native fill material, however, based on observations made during Site reconnaissance, soil piles with construction debris (i.e., concrete and blocks) were observed entrained within this material. A pond was also historically located immediately northeast of Site Building D, and north of Site Buildings E and F from approximately 1951 to 2016. No evidence of this pond was observed at the time of the Site reconnaissance and therefore may have been backfilled with material of unknown quality. Pinchin could not confirm or deny the potential presence of fill material of unknown quality at the Site, therefore, it is Pinchin's opinion that this potential fill material could result in potential subsurface impacts at the Site.

3.3 Opta Information

Pinchin contacted Opta Information Intelligence (Opta) to obtain copies of Fire Insurance Plans related to the Site and surrounding area, as well as Property Underwriters' Reports and Property Underwriters' Plans related to the Site. Opta provided a written response dated May 24, 2023, indicating there were no records on-file for the Site. A copy of Opta's response is provided in Appendix I.

3.4 City Directories

City directories and/or business directories for the years 1985 to 2021 were obtained from ERIS and reviewed by Pinchin. It should be noted that no city directories were available for the Town of Caledon subsequent to 2001. A summary of information obtained with respect to the Site is provided in the following table:

Year(s)	Occupant Listings for Site Address
1985 – 1990	Street not listed
1996 – 2001	Address not listed
2012 – 2021	No listing found

In general, the city directories indicated that the surrounding area has historically consisted of commercial and residential land uses since 1996. No historical dry cleaning operations, RFOs or other operations of potential environmental concern were identified; however, Pinchin notes the following:

- Historical trucking/transport operations were listed within the city directories reviewed for the Site area. However, based on the distance of these facilities from the Site and/or the inferred groundwater flow direction, it is Pinchin's opinion that these historical facilities are unlikely to result in potential subsurface impacts at the Site.

3.5 Previous Environmental Reports

No previous reports (i.e., Phase I ESAs, geological or geotechnical reports) were provided for Pinchin's review and, according to the Client/Site Representatives, none are available.

3.6 Historical Summary

Based on the results of the historical review, the following could result in potential subsurface impacts at the Site:

- Current and historical use of pesticides/herbicides at the Site; and
- A pond was historically present within the north portion of the Site from approximately 1966 until 2022. The pond was potentially infilled with fill material of unknown quality. Based on observations made during Site reconnaissance, soil piles with construction debris (i.e., concrete and blocks) were observed entrained within this material. A pond was also historically located immediately northeast of Site Building D, and north of Site Buildings E and F from approximately 1951 to 2016. No evidence of this pond was observed at the time of the Site reconnaissance and therefore may have been backfilled with material of unknown quality.

4.0 REGULATORY INFORMATION AND CORRESPONDENCE

4.1 Site Regulatory Information

Pinchin requested copies of permits, approvals and registrations from the Site Representatives and was advised that there is no regulatory information with respect to the Site.

4.2 Ministry of the Environment, Conservation and Parks

A Freedom of Information request was submitted to the MECP for information on file with respect to the Site. Specifically, the MECP was asked what information it has regarding historical spills, orders, investigations/prosecutions, waste generator numbers/classes, Certificates-of-Approval and Environmental Compliance Approvals.

Based on written correspondence with the MECP dated May 17, 2023, no information was on file with respect to the Site. A copy of the MECP's response is provided in Appendix II of this report.

The MECP *Brownfields Environmental Site Registry* was searched by ERIS as part of the database searches completed. According to the ERIS report, a Record of Site Condition (RSC) has not been filed for the Site or neighbouring properties within a 200 m radius of the Site.

4.3 Technical Standards & Safety Authority

The Technical Standards & Safety Authority (TSSA) was contacted to establish the status of the Site with respect to its files, to identify outstanding instructions, tank registrations, incident reports, fuel/oil spills or contamination records associated with the Site. Based on written correspondence with the TSSA on May 29, 2023, no information was on file with respect to the Site. A copy of Pinchin's request submitted to the TSSA and their response is provided in Appendix II of this report.

4.4 ERIS

Pinchin submitted a request to ERIS for a review of their available databases, as they pertain to the Site and surrounding properties.

A copy of the ERIS report is provided in Appendix III. Based on a review of the information obtained from the available databases, Pinchin notes the following:

- The Site was listed in the Water Well Information System, in relation to the current and/or historical water supply wells installed on-Site;
- The Ontario Spills database indicated that on September 8, 2017, an unknown quantity of motor oil was spilled from a transport truck due to a fire in front of 12520 Centreville Creek Road. The ERIS report indicated that this spill was reported as 'minor environment'. This property is located approximately 10 m southwest of the Site and is situated hydraulically transgradient of the Site relative to the inferred groundwater flow direction. Based on the receiving environment of the spill (i.e., asphalt), the inferred groundwater flow direction and the fact that the spill was reported as being minor, it is Pinchin's opinion that this historic spill occurrence is unlikely to result in potential subsurface impacts at the Site; and
- Additional surrounding properties were listed in the Water Well Information System; however, based on the information provided within the ERIS report, the nature of the listings, the locations/distances between these properties and the Site, as well as the inferred groundwater flow direction, it is Pinchin's opinion that the potential issues of concern associated with these listings are unlikely to result in potential subsurface impacts at the Site.

4.5 Regulatory Information Summary

Based on the regulatory information reviewed, nothing was identified that is likely to result in potential subsurface impacts at the Site.

5.0 SITE RECONNAISSANCE

Pinchin (see Appendix IV for assessor qualifications) conducted a Site reconnaissance on May 18, 2023, and was accompanied by the Site Representatives. The Site reconnaissance included a walk-through of accessible areas of the interior of the Site Buildings and exterior areas. At the time of the Site reconnaissance, the ground surface was dry, and the weather was clear and sunny. The Site reconnaissance was documented with notes and photographs. The results of the Site reconnaissance are discussed below. Photographs of some of the features noted during the Site reconnaissance are attached in Appendix V.

5.1 Hazardous Materials

Topic	Findings
Chemicals	Chemicals typically used for general purpose cleaning, and building maintenance (e.g., window cleaners, bleach, paints, deodorizers, etc.) were noted on-Site at the time of the Site reconnaissance. Chemicals observed on-Site were stored within manufacturer-supplied containers in various locations within the Site Buildings. Diesel stored in a 2,200 L steel AST, situated on concrete slabs/pavers northwest of Site Building I. Fuel oil, stored in an approximately 757 L AST, within a plastic tray, in the basement of Site Building A. Hydraulic oil, engine oil and transmission oil (approximately eight 20 L plastic pails) observed being stored on carboard and bare ground within Site Building C and are utilized for servicing/repairing equipment.
Compressed Gases	One cylinder of propane stored in Site Building C. Two propane tanks are located northwest of Site Building B and are utilized for heating the building.
Hazardous Waste	None observed and none reported by the Site Representatives.

No spills or evidence of historical spills (i.e., staining) were observed in the chemical storage areas noted above. The interior concrete floor slab was observed to be in good condition (i.e., no cracking or pitting) and the chemicals appeared to be stored in an orderly fashion. No floor drains or catch basins were present in the vicinity of the chemical storage areas.

5.2 Storage Tanks

5.2.1 Aboveground Storage Tanks

The following ASTs were observed on-Site:

Size (litres)	Construction Material	Single or Double Wall	Age	Product Stored	Location
2,200	Steel	Single	2001	Diesel	Northwest of Site Building I
~757 L	Steel	Single	2019	Fuel oil	Basement of Site Building A

The diesel AST was situated on a concrete pad northwest of Site Building I. No evidence of spills was observed in the vicinity of the AST and none were reported by the Site Representatives. Pinchin was advised that the 2001 diesel AST replaced a former AST, complete with a hand pump, which were formerly located on a concrete pad in the vicinity of Site Buildings I and J. The Site Representatives advised Pinchin that no spills or leaks had occurred from this historical AST. However, Pinchin could not confirm or deny potential historical spills from the current or former ASTs.

The fuel oil AST was situated within a spill containment tray within the basement of Site Building A. No evidence of spills were observed on the concrete surface in the vicinity of the AST. The vent/fill pipes were located on the northwest side of Sie Building A. Pinchin was advised that the 2019 fuel oil AST replaced a former AST in 2019, as the residential fuel oil AST was required to be replaced every 12 years by law.

5.2.2 Underground Storage Tanks

No evidence of underground storage tanks (USTs) (i.e., fill/vent pipes) was observed on-Site, and none were reported by the Site Representatives. No evidence of former USTs was observed by Pinchin.

5.3 Water and Wastewater

Topic	Findings
Water Supply Source	Region of Peel. Water is obtained by the Region from Lake Ontario. Additionally, a drinking water well is located adjacent to the west side of Site Building J and reportedly supplements the water supply provided by the Region and used in farm related activities.
Water Use	Water is primarily used for domestic-related activities, farm related activities, as well as in the heating system for Site Building A.

Topic	Findings
Sanitary/Process Wastewater Receptor	A septic tank and associated leaching bed are located southwest Site Building A. The septic bed encompasses the majority of the grassed area located southwest of Site Building A. Additionally, a septic tank and associated leaching field are located southeast of Site Building B. The septic bed encompasses the majority of the grassed area located southeast of Site Building B. The Site Representatives advised Pinchin that the septic systems are strictly utilized for sanitary effluent.
Pits, Sumps or Lagoons	Two storm water sumps are present within the basement level of Site Building A. No additional sumps, pits or lagoons were observed and none were reported by the Site Representatives.
Grease Traps	None observed and none reported by the Site Representatives.
Oil/Water Separators	None observed and none reported by the Site Representatives.
Storm Water Flow and Receptor	Storm water would likely run overland to percolate naturally through the soil.
Wells	One drinking water well is present north of Site Building J.
Watercourses, Ditches or Standing Water	None observed and none reported by the Site Representatives. However, Pinchin notes that a former man-made pond was present within the north portion of the Site, based on information provided by the Site Representatives. As well, based on aerial photographs (see Section 3.2), a pond was historically located immediately northeast of Site Building D, and north of Site Buildings E and F. As previously mentioned, these ponds may have been backfilled with material of unknown quality, therefore, it is Pinchin's opinion that this potential fill material could result in potential subsurface impacts at the Site.

5.4 Hydraulic Equipment

No evidence of hydraulic equipment (i.e., hydraulic hoists, elevators, compactors, dock levels, etc.) was identified at the Site during the Site reconnaissance.

5.5 Polychlorinated Biphenyls

The use of polychlorinated biphenyls (PCBs) in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common until Canada banned its use in 1980. The Federal PCB Regulations, SOR/2008-273, regulate the manufacture, import, export, sale, use and processing of PCBs. These regulations required the decommissioning of equipment containing high levels of PCBs (>500 ppm) in 2009. Additionally, the regulations require decommissioning of light ballasts, pole top transformers, capacitors and electrical equipment containing greater than 50 mg/kg PCBs by December 31, 2025.

Cables, pipelines and equipment associated with natural gas, petroleum and petroleum products, and fusion sealed capacitors for use in communication equipment and electrical control equipment are exempt from the decommissioning requirement.

Given the years of construction of the Site Buildings B, C, G, I, J, K and L (i.e., approximately between 1985 and 2022), it is unlikely that PCBs are present in on-Site electrical equipment.

Given the years of construction of the Site Buildings A, D, E, F and H (i.e., at least 1951 and approximately 1974), there is a potential that electrical equipment on-Site may contain PCBs.

Typical buildings of this age may contain PCBs in paint, caulking and window putties. Testing for the presence of PCBs in these materials is beyond the scope of this Phase I ESA. The potential presence of PCBs in these materials could result in future costs if extensive renovation requiring removal of these materials or demolition activities are undertaken at the Site. The extent of such potential issues could not be assessed as part of this Phase I ESA.

5.6 Asbestos-Containing Materials

Asbestos-containing materials (ACMs) are commonly found in building construction materials (particularly in older buildings). Asbestos use in building products declined in use starting in the 1970s, with the majority of products being phased out by circa 1990. Asbestos use in Canada was formally banned in December 2018.

Friable asbestos (friable is defined as a material that can be crumbled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980s. Non-friable or manufactured asbestos products were widely used in building construction including in vinyl floor tiles, sheet flooring, ceiling tiles, pipe gaskets, roofing materials, asbestos cement boards, and numerous other products until circa 1990. A limited number of non-friable asbestos products remained in use until the end of 2018; examples include friction materials, gaskets, cement pipes, sealants, adhesives and caulking.

Given the years of construction of Site Buildings B, G, I, J and K (i.e., between approximately 2004 and 2022), it is considered that there is a low potential for ACMs to be present in these Site Buildings.

Given the years of construction of Site Buildings A, C, D, E, F and H (i.e., between at least 1951 and 1985), there is a potential for ACMs to be present in these Site Buildings. Pinchin did not conduct an asbestos survey, nor was any destructive or intrusive sampling or inspection conducted as part of this Phase I ESA. The Site Representatives advised Pinchin that no asbestos surveys have been previously conducted at the Site, and that an Asbestos Management Program (AMP) has not been developed for or implemented at the Site. In accordance with Ontario Regulation 278/05, an asbestos survey should be performed in buildings that are known or suspected of containing ACMs.

If an asbestos survey confirms the presence of ACMs, an AMP should be developed and implemented, as per the requirements of Ontario Regulation 278/05.

The potential presence of ACMs could result in management issues and future costs if renovation or demolition activities are undertaken at the Site. The extent of such potential issues could not be assessed as part of this Phase I ESA.

5.7 Lead-Containing Paints

Lead was commonly used as an additive in paints with no restricted level up until the mid-1970s. This included architectural paints used on interior and exterior surfaces, primers and coatings for anti-corrosive purposes, consumer paints, and paint on furniture and other household items. Beginning in 1976, the federal government limited the amount of lead in consumer paints to 5,000 parts per million (ppm) and steadily reduced the lead content, primarily in the interest of public safety. In 2005, the limit was reduced to 600 ppm and in 2010, the limit was further reduced to 90 ppm, however, there is no restriction on lead in paints used for anti-corrosion purposes (e.g., steel primers and exterior coatings) and road and line markings. In June 2016, these exemptions were removed and as of this date, any paint sold should not contain more than 90 ppm, even if sold for anti-corrosion purposes.

Pinchin did not conduct an assessment of lead in painted surfaces as part of this Phase I ESA, and the Site Representatives advised Pinchin that no surveys have been previously conducted at the Site. Prior to any demolition or renovation activities, a designated substance (including lead) survey would be required. During Pinchin's Site reconnaissance, painted surfaces (where observed) were in good condition (i.e., no peeling or flaking).

5.8 Ozone-Depleting Substances

The bulk storage of ozone-depleting substances (ODSs) was not observed. The Site Representatives reported that the bulk storage of ODSs has not been carried out at the Site.

An air-conditioning unit, as well as residential refrigeration units, were observed on-Site. These units may include refrigerants, such as R22 or R12, that are noted within the phase-out schedules for elimination in both Provincial and Federal regulations. No other sources of ODSs were observed at the time of the Site reconnaissance.

5.9 Radon

Radon is a naturally occurring radioactive gas formed by the breakdown of uranium in soil, rocks and even groundwater. Radon is invisible, odourless and colourless and as such, cannot be detected by humans. Radon escapes from the ground and mixes with outdoor air forming concentrations that are too low to be of concern; however, if radon enters a building the concentrations can increase to higher levels.

Health Canada has developed guidelines for acceptable levels of radon in dwellings and public buildings and has indicated that radon levels should not exceed 200 Becquerels per cubic metre (Bq/m^3). Testing for radon in the Site Building was beyond the scope of this Phase I ESA. The Site Representative reported that no radon surveys have been carried out at the Site.

5.10 Mould or Microbial Contamination

The presence of mould or other microbiological contamination in buildings has become a concern to building tenants and owners due to potential health effects on occupants and users. Provincial Ministries of Labour have recently issued guidelines on enforced regulations to protect the health of construction workers who are exposed to mould in the course of building renovation. The presence of water leaks or high humidity can cause the growth or amplification of mould within building environments.

A comprehensive inspection for mould, which would require intrusive testing, was not performed as part of this Phase I ESA. The Site Representatives advised Pinchin that previous roof leaks had occurred in Site Building A; however, the roof was replaced in 2021. No visible mould was observed at the time of Site reconnaissance. There is potential water damage and mould growth throughout Site Buildings C through K, as they are partially open/missing window coverings and are not entirely sheltered from exterior water ingression. Water damage/staining observed on building materials should be removed/replaced in accordance with industry standards and routinely monitored for changes. In addition, consideration should be given to investigating and repairing the source of the damage. The extent of the potential water damage within wall/ceiling cavities was not assessed as part of this Phase I ESA.

5.11 Air Emissions

Topic	Findings
Washroom Vents	Washroom vent exhausts within Site Buildings A and B are discharged through roof stacks.
Kitchen Vents	Kitchen exhausts within Site Buildings A and B are discharged through roof stacks.
Heating/Cooling	Site Building A: Fuel oil-fired boiler supplying hydronic radiators and forced air furnace. Site Building B: Propane fired forced air furnace.
Emergency Generators	None observed and none reported by the Site Representatives.
Process Vents	None observed and none reported by the Site Representatives.
Odours	No strong, pungent or noxious odours were identified.
Permits / Approvals	The Site Representatives advised Pinchin that they do not hold any permits/approvals for the Site, as related to air emissions or discharges.

5.12 Staining and Stressed Vegetation

No evidence of historical chemical discharges or releases (i.e., staining or stressed vegetation) was observed during the Site reconnaissance. The Site Representatives reported that no known historical chemical spills have occurred on-Site.

5.13 Non-Hazardous Wastes

Topic	Findings
Non-hazardous Wastes	Domestic refuse is placed for curbside pick up by the Town of Caledon once per week.
Recyclables	Recyclables (i.e., cans, bottles, newsprint, plastics, and cardboard) are stored in plastic totes and placed curbside for pick up by the Town of Caledon once per week.

6.0 ACTIVITIES ON ADJACENT PROPERTIES

The Site is located in an urban area that predominantly consists of residential, industrial, vacant and agricultural land uses. A description of the adjacent properties is summarized in the following table, based on Pinchin's observations from the Site and publicly accessible locations:

	Northeast	Southeast	Southwest	Northwest
Operation or Activity	Undeveloped/ agricultural land and inferred residential/farm dwelling.	Agricultural land and residential dwellings.	Centreville Creek Road, followed by agricultural land and residential dwellings and a vacant residential property at 12599 Centreville Creek Road. Truck storage is located at 12698 Centreville Creek Road.	Agricultural land and residential dwellings.
Direction with Respect to Inferred Groundwater Flow	Downgradient.	Downgradient. .	Trans/upgradient.	Upgradient.
Visible Emissions	None observed.	None observed.	None observed.	None observed.
Visible Outdoor Storage of Hazardous Materials	None observed.	None observed.	An AST was observed to the northeast of the residential dwelling at 12520 Centreville Creek Road.	None observed.

Based on Pinchin's observations of the adjacent properties, nothing was observed that is likely to result in potential subsurface impacts at the Site, however, Pinchin notes the following:

- An AST was observed northeast of the residential dwelling located at 12520 Centreville Creek Road. This property is located approximately 10 m south of the Site and is situated hydraulically transgradient of the Site relative to the inferred groundwater flow direction. Pinchin notes that this AST is situated approximately 45 m southwest of the Site and is inferred to contain fuel oil for heating the residential dwelling. Based on the distance between this AST and the Site, and the inferred groundwater flow direction, it is Pinchin's opinion that this AST is unlikely to result in potential subsurface impacts at the Site.

7.0 FINDINGS AND RECOMMENDATIONS

Based on the results of the Phase I ESA completed by Pinchin, the following could result in potential subsurface impacts at the Site:

- Current and historical use of pesticides/herbicides at the Site;
- A pond was historically present within the north portion of the Site from approximately 1966 until 2022. The pond was potentially infilled with fill material of unknown quality. Based on observations made during Site reconnaissance, soil piles with construction debris (i.e., concrete and blocks) were observed entrained within this material. A pond was also historically located immediately northeast of Site Building D, and north of Site Buildings E and F from approximately 1951 to 2016. No evidence of this pond was observed at the time of the Site reconnaissance and therefore may have been backfilled with material of unknown quality; and
- Potential spill occurrences associated with the current and historical diesel aboveground storage tank used for fueling farm equipment (located northwest of Site Building I).

Based on the findings noted above, Pinchin recommends completing a Phase II ESA at the Site.

Given the years of construction of Site Buildings A, C, D, E, F and H (i.e., between at least 1951 and 1985), there is a potential for ACMs to be present in these Site Buildings. Pinchin did not conduct an asbestos survey, nor was any destructive or intrusive sampling or inspection conducted as part of this Phase I ESA. The Site Representatives advised Pinchin that no asbestos surveys have been previously conducted at the Site, and that an AMP has not been developed for or implemented at the Site. In accordance with Ontario Regulation 278/05, an asbestos survey should be performed in buildings that are known or suspected of containing ACMs. If an asbestos survey confirms the presence of ACMs, an AMP should be developed and implemented, as per the requirements of Ontario Regulation 278/05.

8.0 TERMS AND LIMITATIONS

This Phase I ESA was performed in order to identify potential issues of environmental concern associated with the Site located at 12561 Centreville Creek Road, Caledon, Ontario, at the time of the Site reconnaissance. This Phase I ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. The scope of work completed by Pinchin, as part of this Phase I ESA, is not sufficient (in and of itself) to meet the requirements for the submission of an RSC in accordance with Ontario Regulation 153/04 (as amended). If an RSC is an intended end product of work conducted at the Site, further consultation and/or work will be required.

This report was prepared for the exclusive use of Paul and Gail Piercey (Client), subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Furthermore, this report should not be construed as legal advice. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase I ESA did not include an intrusive investigation for designated substances (i.e., asbestos, mould, etc.) and, therefore, these materials may be present in concealed areas.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

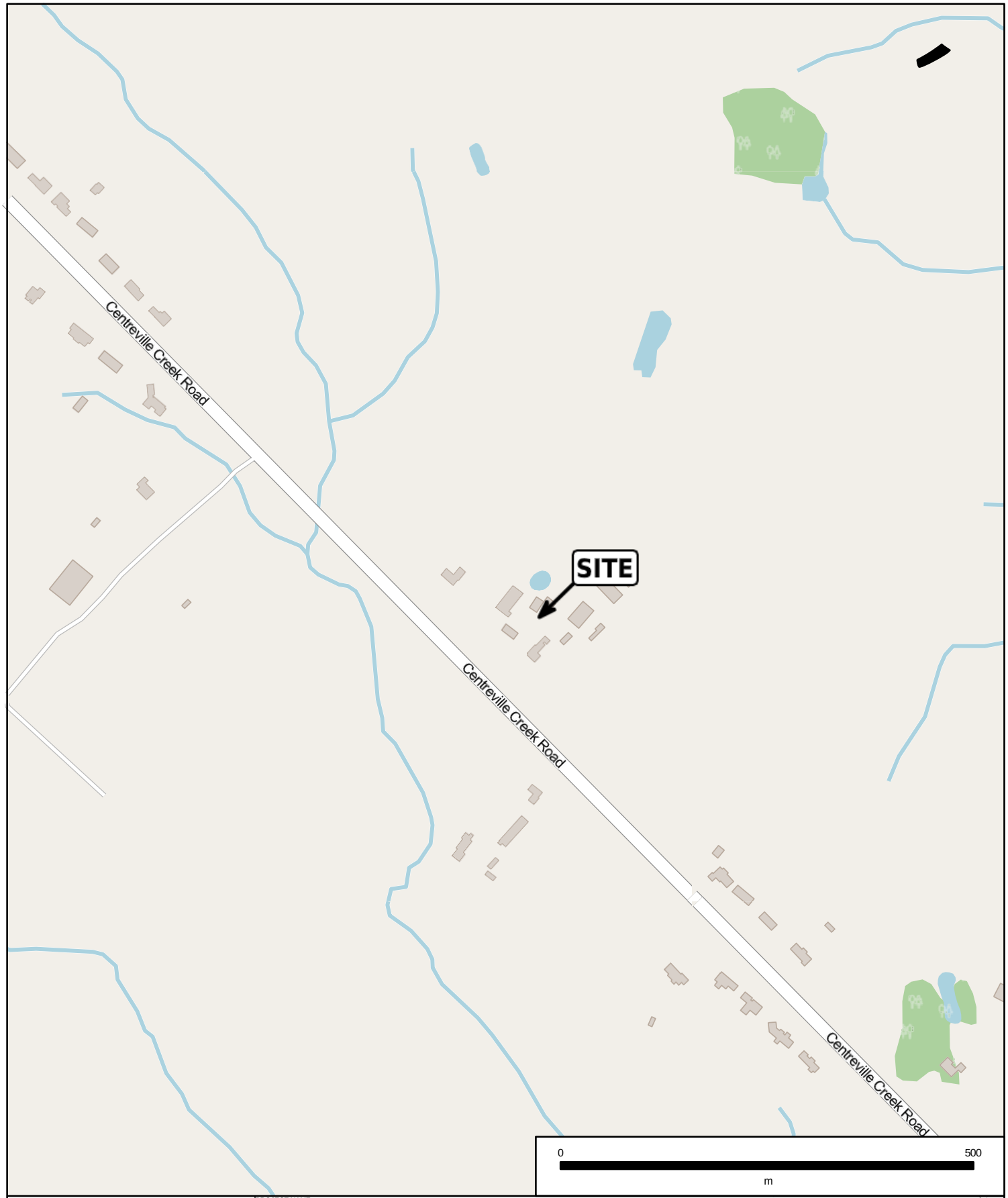
The CSA document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2022), does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable Federal, Provincial or Municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase I ESA.

9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

1. Owners of the Site [Site Representative].
2. ERIS report entitled "*12561 Centreville Creek Road, Bolton, Ontario*", dated May 16, 2023 (ERIS Project # 23041000218).
3. ERIS City Directories.
4. Opta Information Intelligence "*12561 Centreville Creek Road Bolton ON*", and dated May 24, 2023 (Opta Order ID: 127813).
5. The Atlas of Canada – Surficial Materials: http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1
6. The Atlas of Canada – Bedrock Geology: http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l=6&r=4&c=12.
7. Toporama – Topographic Maps: http://atlas.gc.ca/site/english/maps/topo/map.
8. Canadian Centre for Occupational Health & Safety: http://www.ccohs.ca/oshanswers/phys_agents/radon.html.
9. Canadian Standards Association (CSA) Standard. *CSA Z768-01, Phase I Environmental Site Assessment*, Canadian Standards Association International, November 2001, reaffirmed in 2022.
10. Technical Standards & Safety Authority.
11. Ministry of the Environment, Conservation and Parks.
12. MECP Brownfields Environmental Site Registry.
13. Google Earth™.
14. Health Canada. "*Cross-Canada Survey of Radon Concentrations in Homes – Final Report*", dated March 2012.

FIGURES



PINCHIN

PROJECT NAME:	PHASE I ENVIRONMENTAL SITE ASSESSMENT
CLIENT NAME:	PAUL AND GAIL PIERCEY
PROJECT LOCATION:	12561 CENTREVILLE CREEK ROAD, CALEDON, ONTARIO
FIGURE NAME:	KEY MAP
FIGURE NUMBER	1

PROJECT NUMBER:	SCALE:	DRAWN BY:	REVIEWED BY:	DATE:
325252.000	1:8,500	KM	JR	JUNE 2023

N

LEGEND

- SITE BOUNDARY
- SITE BUILDING
- AGRI AGRICULTURAL
- RES RESIDENTIAL
- INFERRED GROUNDWATER FLOW DIRECTION
- AST DIESEL ABOVEGROUND STORAGE TANK
- LOCATION OF FORMER POND
- INFERRED FILL MATERIAL OBSERVED

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

PINCHIN

PROJECT NAME:
PHASE I ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
PAUL AND GAIL PIERCEY

PROJECT LOCATION:
12561 CENTREVILE CREEK ROAD, CALEDON, ONTARIO

FIGURE NAME:
SITE AND SURROUNDING LAND USE PLAN

PROJECT NUMBER:	SCALE:
325252.000	AS SHOWN
DRAWN BY: KM	REVIEWED BY: JR
DATE: JUNE 2023	FIGURE NUMBER: 2

APPENDIX I
Opta Response

opta
INFORMATION INTELLIGENCE

enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Stephanie

Site Address:

12561 Centreville Creek Road Bolton ON

Project No:

23041000218

Opta Order ID:

127813

Requested by:

Eleanor Goolab
Ecolog Eris

Date Completed:

5/24/2023 9:09:34 AM

Project Name: Phase I ESA

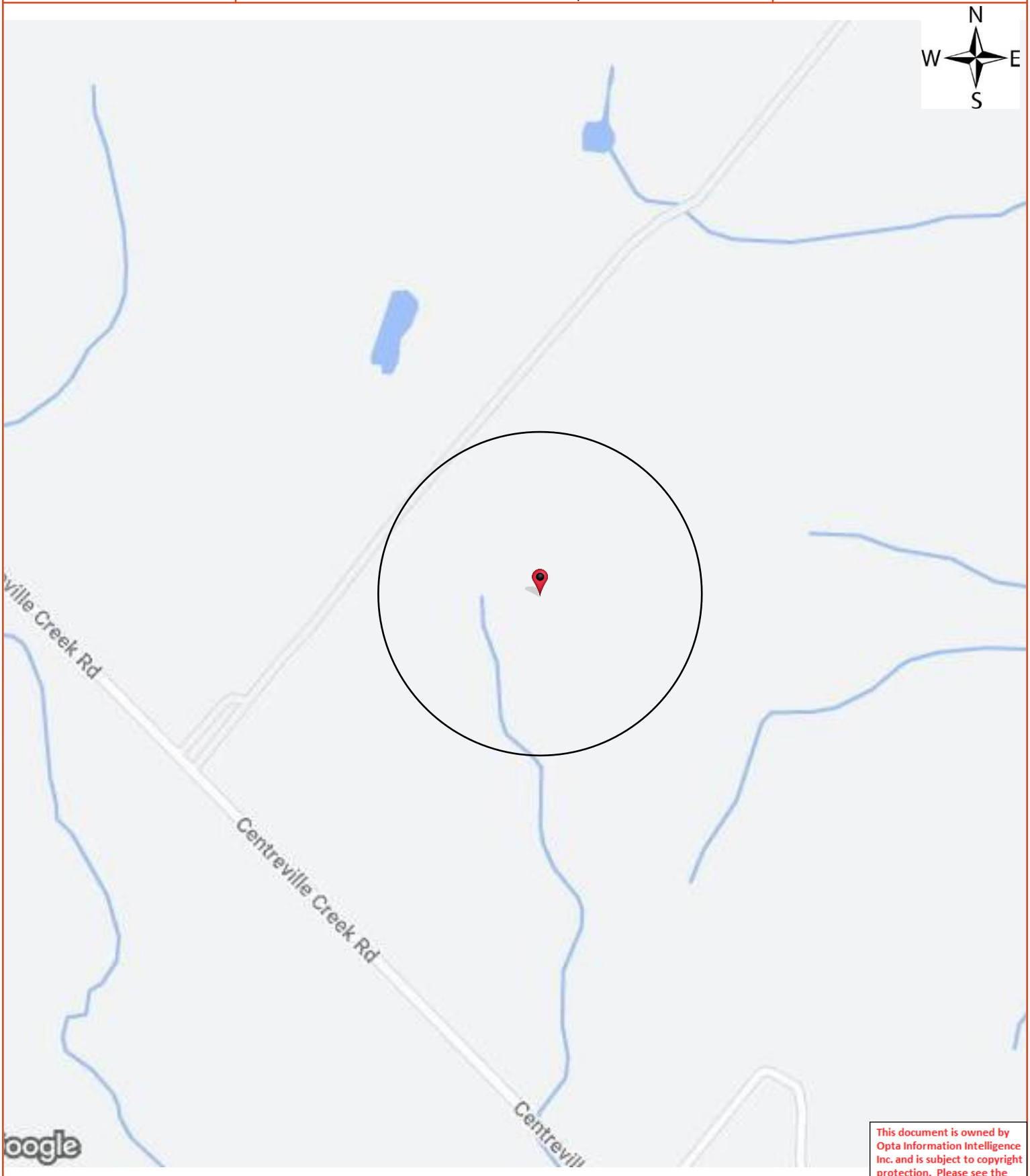
Project #: 23041000218
P.O. #: 325252

ENVIROSCAN Report

Search Area: 12561 Centreville Creek Road Bolton ON

Requested by:
Eleanor Goolab
Date Completed: 05/24/2023 09:09:34

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan ™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 05/24/2023 09:09:34

OPTA INFORMATION INTELLIGENCE

No Records Found

N
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APPENDIX II
Correspondence with Regulatory Agencies

Ontario

Ministry of the Environment, Conservation and Parks

Corporate Management Division

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

Division de la gestion ministérielle

May 17, 2023

Irene Hutchison
PINCHIN LTD.

Dear Irene Hutchison
RE: Request #: EPI-2023-2000002464
Requestor provided Client Reference: 325252
Site address: 12561 Centreville Creek Road, Caledon

This letter confirms that, after conducting a thorough search of its source system applications, the ministry was not able to find any records related to your environmental property-related information request.

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

Sincerely,

Environmental Property Information (EPI) Program

Disclaimer

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

Ontario

Ministry of the Environment, Conservation and Parks

Corporate Management Division

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

Division de la gestion ministérielle

Le 17 mai 2023

Irene Hutchison
PINCHIN LTD.

Madame,
Monsieur, Irene Hutchison

Objet : N^{o} de demande : EPI-2023-2000002464
Le demandeur a fourni une référence client: 325252
Adresse du site: 12561 Centreville Creek Road, Caledon

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ces applications de système source, le ministère n'a pu trouver aucun dossier concernant à votre demande pour des données environnementales relatives aux biens immobiliers.

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

Veuillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

Avertissement

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

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

29 May 2023

Irene Hutchison
Pinchin Ltd.
2360 Meadowpine
Boulevard
Mississauga, Ontario

Subject:	**12561 CENTREVILLE CREEK ROAD, CALEDON, ON**
Your File No.:	**325252**
WO No.:	**8331023**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested the release of information regarding the above noted address.

A search of TSSA public records **did not** locate any records relating to the following Program(s):

Program	No Record
Fuels Safety	☒
Boiler/Pressure Vessel	☐
Elevating & Amusement Devices	☐

**For BPV, if it has been indicated that records have been located but are not attached, it is likely that TSSA may not be the keeper of the records you are looking for, see note below.

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.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

N. Carty

Nicola Carty
Public Information Services

Limitations and Notices:

General:

TSSA, as a safety regulator, uses inspection resources to address the greatest harm posed to the public. Thus, inspection only follows-up on safety orders it issues based on the degree of risk posed by the non-compliance identified in the order(s). All high-risk orders will result in a follow-up inspection by TSSA until the non-compliance is resolved. TSSA no longer follows-up on low or medium risk orders referred to as safety tasks, therefore, TSSA can no longer provide you with a report indicating the safety tasks (low and medium-risk orders) have been resolved. This information should be obtained from the device/facility owner or their contractor. One can also engage a third-party contractor to confirm device/facility compliance.

The Public Information Department, (PID), can only provide ***existing*** records for a specific location, facility, or device. If an inspection or any other type of record does not exist, PID cannot instruct TSSA to do work, such as an inspection, to create a record. TSSA, as an outcome-based regulator, deploys all of its resources, including, inspections to address the greatest harm posed to the public; and as such, cannot deploy resources to create records to satisfy an inquiry.

Please Note: *While the PID provides existing records for a specific location, facility, or device; it does not interpret or provide further explanations of the content contained in the document.*

TSSA Fuels Safety:

If you have environmental concerns regarding this property, you should consider hiring an environmental consultant to conduct an environmental assessment of the property in question.

- Sites that have not been licensed since 1987 may not be in TSSA records.

- Be advised, TSSA Fuels Safety Division did not register:
    - private fuel underground/ aboveground storage tanks prior to January of 1990; and
    - furnace oil tanks prior to May 1, 2002.

- Fuels Safety Division does not register
    - private waste oil tanks in apartments, office buildings, residences etc.; and
    - aboveground gas or diesel tanks.

- The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets, nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

TSSA Elevating & Amusement Devices Program Notice:

- All orders and/or directions issued by the TSSA Inspector have a compliance date and the owner or designated contractor are required to comply within the specified time limit. Compliance is the responsibility of the owner or operator of the device.

- All written declarations of compliance (where eligible) should be sent to TSSA. Once a declaration of compliance has been received, the outstanding order will be resolved.

- Each report shows the details and date of the inspection conducted by TSSA at the requested location.

- The Ontario Amusement Devices Regulation (O. Reg. 221/01) was adopted in 2001. Since that time, TSSA retains copies of technical dossiers of new amusement devices in Ontario (as per TSSA's retention policy). However, for rides that existed prior to the adoption of the Regulation, which were

subject to a “grandfathering-in” clause, technical dossiers were not required to be filed with the TSSA. However, if the amusement ride remains in operation, as per ASTM requirements, the owner/licensee must possess an operations document for the device in question.

Federal Elevators

- Please be advised that without the express written consent of the owner, the TSSA does not release any information with respect to federal elevators or federal elevating equipment. The TSSA is a provincial regulator for the province of Ontario and federal elevators do not fall within the scope of TSSA’s provincial mandate and the *Technical Standards and Safety Act* and associated Regulations. Further, the TSSA’s Access and Privacy Code only applies to information collected, used, or disclosed by the TSSA in the course of TSSA’s administration of the *Act*. Therefore, information with respect to federal elevators or federal elevator equipment is outside of the administration of the *Act,* and outside of the scope of the TSSA’s Access and Privacy Codes.

Indigenous Lands

- Please be advised that the TSSA does not release any information with respect to indigenous lands, which are outside of the TSSA’s mandate, without the express written permission from the Band. The *Technical Standards and Safety Act*, associated regulations, and TSSA’s Access and Privacy Code does not apply to indigenous lands.

TSSA Boilers and Pressure Vessels (BPVs) Program Notice:

- Be advised, TSSA does not typically periodically inspect BPVs. These inspections are usually performed by insurance companies.

- **Inspection reports may not be submitted to TSSA by insurance companies; therefore, while TSSA may have some evidence of a BPV at a location on file, there may be no inspection records pertaining to BPVs located at the address provided.

- As of July 1, 2018, BPVs in Ontario may not be operated unless the Director has issued a current certificate of inspection (COI) to the owner or operator. A COI will be issued to the owner or operator of the BPV by TSSA after TSSA has received a Record of Inspection (ROI) from the insurer/third-party inspector, the associated fees have been paid and the BPV has passed a periodic inspection.

- Please note that if the BPV in question is insured, the insurance company may have additional inspection records. Please contact the insurer directly should you wish to obtain further information.

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.734.3568
Email:publicinformationservices@tssa.org
www.tssa.org

Application for Release of Public Information
Issued under the Access and Privacy Code

Clear Form | Print Form

For Office Use Only
WO No.

PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☑ Fuels

A. ORGANIZATION **INFORMATION:**

Your File/Project/Reference No: 325252

Account No: 137550

Date: May 15, 2023

Organization: Pinchin Ltd.		
Suite/Unit No: 2	Street No: 2360	Street Name: Meadowpine Boulevard
City: Mississuaga	Province: ON	Postal Code: L5N 6S2
Primary Phone: 289.971.0618	Secondary Phone:	
Email: ihutchison@pinchin.com	Fax:	

B. REQUESTOR **INFORMATION:**

Requester Name: Irene Hutchison

Requester Phone: 289.971.0618

Requester Email: ihutchison@pinchin.com

C. **DETAILS OF REQUEST** (please list in detail the information you require)

Incidents/Occurrence Reports, Fuel Tanks & Environmental Reports

D. **REASON FOR REQUEST** (please explain the reason for your request)

E. **TERMS AND CONDITIONS:**

Please refer to the link for our Access and Privacy Code Access and Privacy Code.pdf. If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature	Date
	May 15, 2023

FORM #: PI-095-v1

F. **FEES & PAYMENT:**

If you need assistance in determining the quantity and service type, please contact us at: publicinformationservices@tssa.org before completing this form. TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please see below or refer to our Website Fee Schedule.pdf

(HST Registration No: 891131369)

Address of Subject Location (one address per form/municipal address or lot/concession address only):

12561 Centreville Creek Road, Caledon, ON

Quantity/Selection	Request	Fee Type	Fee	HST	Total
☐	**BPV Program (Boilers/Pressure Vessels)**				
	Confirmation of BPV ☐	Per Address	$ 50.00	$ 6.50	
	CRN Design Submission Request CRN # Authorization from **Design Owner** mandatory ☐ Authorization Attached	Per CRN	$ 50.00	$ 6.50	
	Piping Registration Documents Piping # Authorization from **Building Owner** mandatory ☐ Authorization Attached	Per P#	$ 50.00	$ 6.50	
	MDR/U1A Request Ontario Identification Number ("**OIN**") mandatory OIN	Per Device	$ 50.00	$ 6.50	
☐	**ED/AD Program (Elevating/Amusement Devices)**				
	Copy of Latest inspection Report	Per Device	$ 40.00	$ 5.20	
	ED/AD Design/Technical Dossier Submission Documents Authorization from **Building Owner** mandatory ED/AD Device #	Per Device	$ 80.00	$ 10.40	
	ED/AD Incident Report ED/AD Device # Date of Incident Victim Name (If Applicable)	Per Device	$ 80.00	$ 10.40	
☑	**FS Program (Fuels Safety)** (Select all that apply from below)				
	Copy of latest Inspection Report ☑ (per facility, e.g. Gas Station, Propane Refill, etc.)				
	Archive Search (includes all available inspections/incidents and				
	☑ FS Incident ☑ Date of Incident Victim Name (If Applicable)	Per Address	$ 50.00	$ 6.50	$ 56.50
	Other				
☐	Bulk Data* (Non Refundable Fee to Review Application)	Per Application	$ 120.00	$ 15.60	
☐	Multiple Records* (Non Refundable Fee to Review Application)	Per Application	$ 120.00	$ 15.60	
☐	Written/Hard Copy Confirmation of Licensing, Certification, Registration	Per Request	$ 50.00	$ 6.50	

Total Fees Due	$ 50.00	$ 6.50	56.50
	1		

If paying by credit card, amount in Box 1 to be entered in TSSA Service Prepayment Portal

* Quote provided upon review of application.

Authorization Requirements (if required) should include:

- Official letter on company letterhead
- Authorized signatory
- Full name of individual authorizing release,
- Title within organization,
- Telephone number and email address.

* Supplying multiple records will be charged at the applicable hourly rate. One hour minimum fee required with submission, any additional hours will be invoiced.

Note: Expedited (Rush) service is not available for Public Information requests.

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Email: customerservices@tssa.org
www.tssa.org

PAYMENT INSTRUCTIONS

TSSA use only WO # _____	L # CH #

Payment Options:

☐ Credit Card - Click link below

TSSA Service Prepayment Portal
https://forms.tssa.org/Payments/Service-Prepayment-Portal

APPENDIX III
ERIS Report

DATABASE REPORT

Project Property:	*Phase I ESA* *12561 Centreville Creek Rd* *Bolton ON L7C 3B7*
Project No:	*325252*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*23041000218*
Requested by:	*Pinchin Ltd.*
Date Completed:	*May 16, 2023*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase I ESA* *12561 Centreville Creek Rd Bolton ON L7C 3B7*
Project No:	*325252*

Order Information:

Order No:	*23041000218*
Date Requested:	*April 10, 2023*
Requested by:	*Pinchin Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Ontario Base Map (OBM)*

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	7	4	11
	Total:		7	5	12

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 3 con 3 ON ***Well ID:*** 4903986	W/0.0	1.24	13
1	WWIS		lot 3 con 3 ON ***Well ID:*** 4905609	W/0.0	1.24	17
2	WWIS		lot 3 con 3 ON ***Well ID:*** 4905608	WSW/0.0	-0.63	19
3	WWIS		lot 3 con 3 ON ***Well ID:*** 4903987	WSW/0.0	0.86	21
4	WWIS		12561 CENTERVILLE CREEK BOLTON ON ***Well ID:*** 7176513	WSW/0.0	1.11	23
5	WWIS		lot 3 con 3 ON ***Well ID:*** 4905607	WSW/0.0	1.12	26
6	WWIS		lot 3 con 3 ON ***Well ID:*** 4905154	SSW/0.0	-2.82	29

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	WWIS		lot 3 con 2 ON **Well ID:** 4900073	WSW/5.6	-1.05	32
8	WWIS		lot 3 con 3 ON **Well ID:** 4907839	W/7.1	0.07	35
9	SPL		In front of 12520 Centreville Creek Road Caledon ON	WSW/7.9	-1.05	37
10	WWIS		lot 2 con 3 ON **Well ID:** 4905079	S/47.8	-2.93	37
11	WWIS		lot 2 con 3 ON **Well ID:** 4905077	SSE/98.6	-3.85	40

Executive Summary: Summary By Data Source

SPL - Ontario Spills

A search of the SPL database, dated 1988-Oct 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

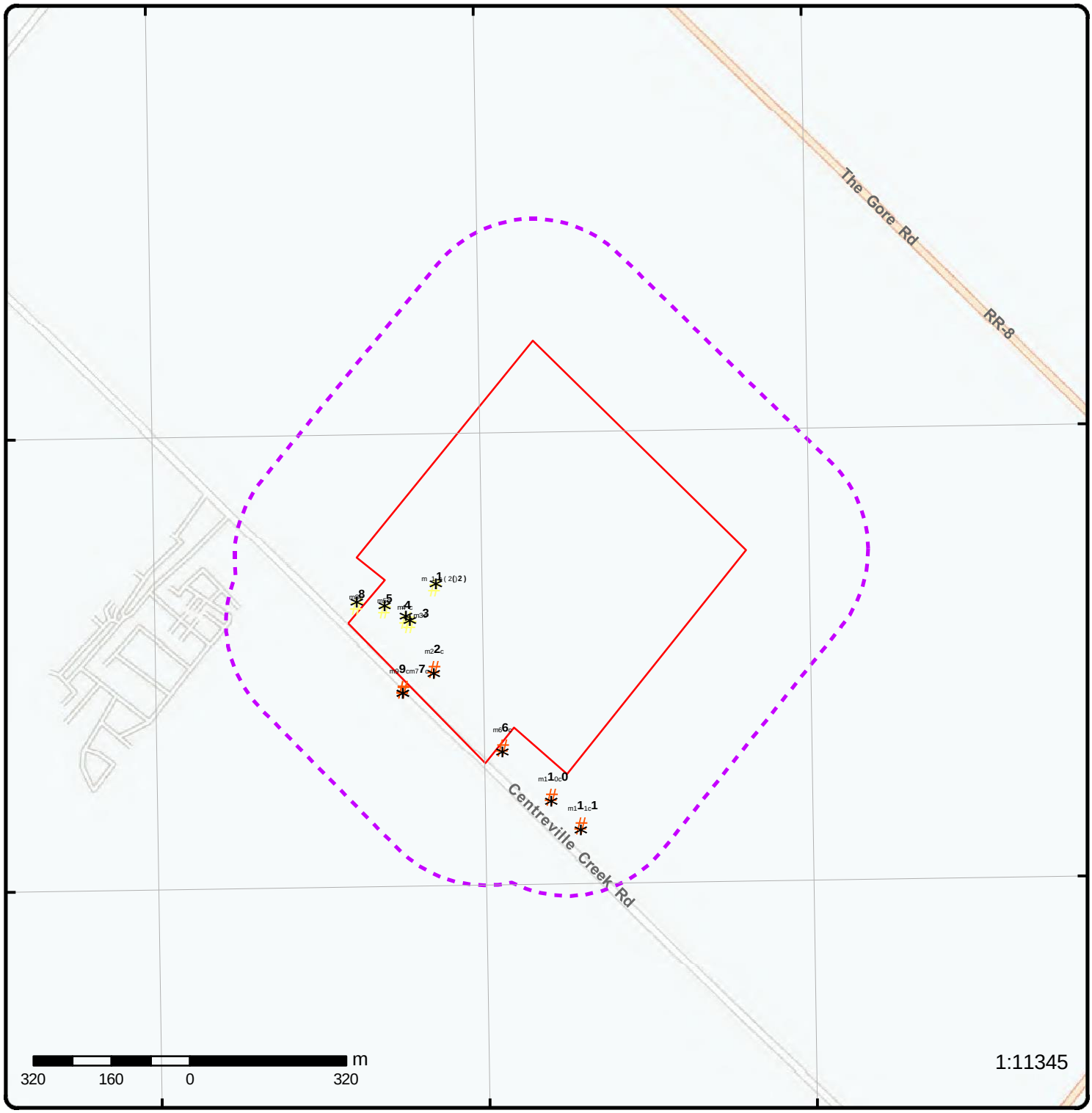
Site	Address	Distance (m)	Map Key
	In front of 12520 Centreville Creek Road Caledon ON	7.9	9

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 3 con 3 ON ***Well ID:*** 4905609	0.0	1
	lot 3 con 3 ON ***Well ID:*** 4903986	0.0	1
	lot 3 con 3 ON ***Well ID:*** 4905608	0.0	2
	lot 3 con 3 ON ***Well ID:*** 4903987	0.0	3
	12561 CENTERVILLE CREEK BOLTON ON ***Well ID:*** 7176513	0.0	4
	lot 3 con 3 ON ***Well ID:*** 4905607	0.0	5
	lot 3 con 3 ON	0.0	6

Site	Address	Distance (m)	Map Key
	Well ID: 4905154		
	lot 3 con 2 ON	5.6	7
	Well ID: 4900073		
	lot 3 con 3 ON	7.1	8
	Well ID: 4907839		
	lot 2 con 3 ON	47.8	10
	Well ID: 4905079		
	lot 2 con 3 ON	98.6	11
	Well ID: 4905077		



Map: 0.25 Kilometer Radius

Order Number: 23041000218

Address: 12561 Centreville Creek Rd, Bolton, ON

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

79°45'W

43°49'30"N

43°49'30"N

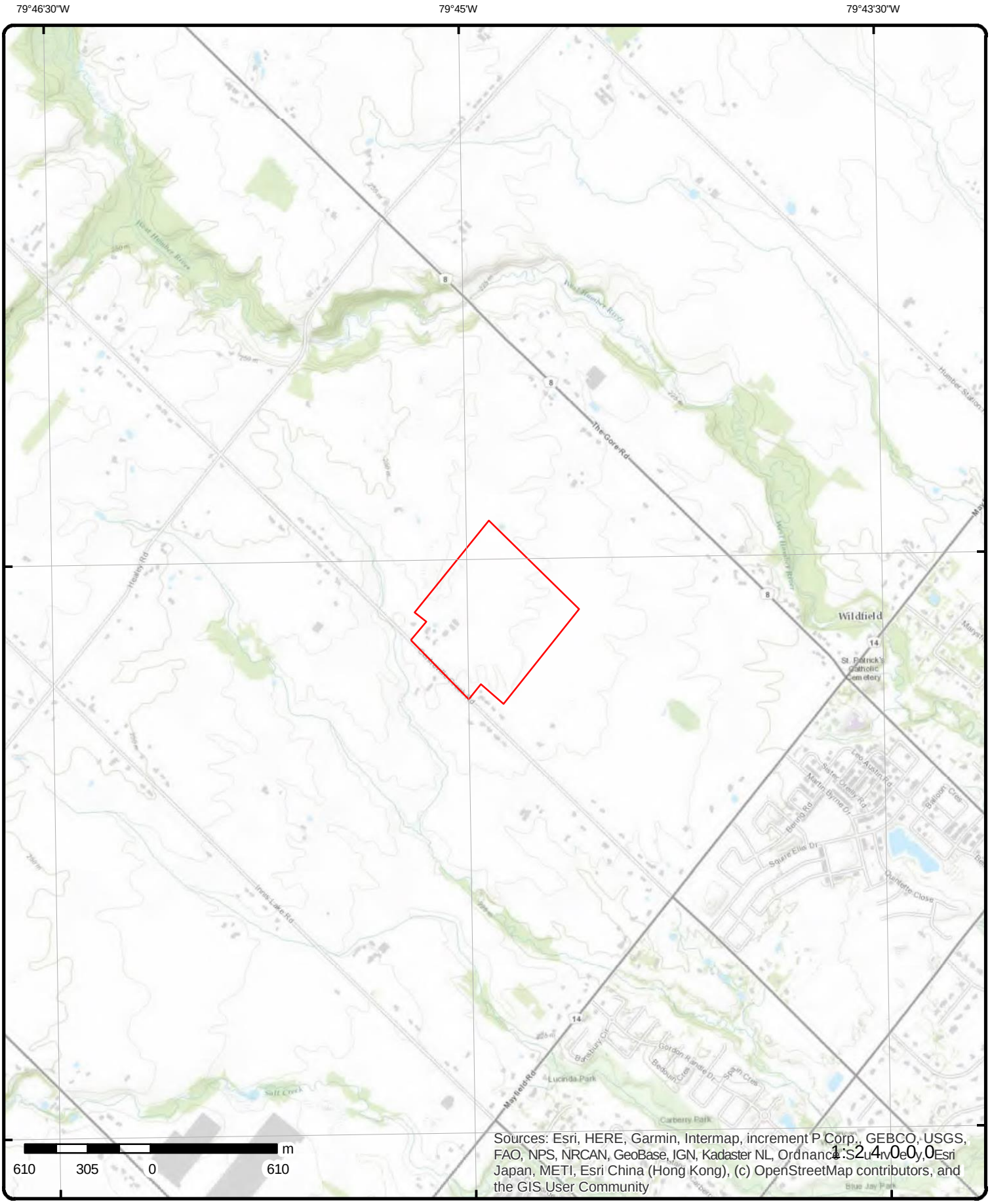
Aerial

Year: 2021

Order Number: 23041000218

Address: 12561 Centreville Creek Rd, Bolton, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 23041000218

Address: 12561 Centreville Creek Rd, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	W/0.0	243.0 / 1.24	lot 3 con 3 ON	WWIS

Well ID:	4903986	**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:**	15-Dec-1972 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3561
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	003
Depth to Bedrock:		**Concession:**	03
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\4903986.pdf

Additional Detail(s) (Map)

Well Completed Date: 1972/11/30
Year Completed: 1972
Depth (m): 30.48
Latitude: 43.8221096850622
Longitude: -79.7512724905519
Path: 490\4903986.pdf

Bore Hole Information

Bore Hole ID:	10318775	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600414.60
Code OB Desc:		**North83:**	4852873.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	30-Nov-1972 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Loc 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:	932043778
Layer:	4
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	90.0
Formation End Depth:	96.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932043777
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932043779
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	96.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932043776
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND

Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932043775
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964903986
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10867345
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930526447
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 100.0
Casing Diameter: 7.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994903986
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 98.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft

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

Draw Down & Recovery

Pump Test Detail ID: 934786157
Test Type: Draw Down
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935051078
Test Type: Draw Down
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934257490
Test Type: Draw Down
Test Duration: 15
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934532017
Test Type: Draw Down
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933791999
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

Water Details

Water ID: 933791998
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.0
Water Found Depth UOM: ft

Links

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

Bore Hole ID:	10318775	**Tag No:**	
Depth M:	30.48	**Contractor:**	3561
Year Completed:	1972	**Path:**	490\4903986.pdf
Well Completed Dt:	1972/11/30	**Latitude:**	43.8221096850622
Audit No:		**Longitude:**	-79.7512724905519

m3-17226-79b

1 — **2 of 2** — **W/0.0** — **243.0 / 1.24** — **lot 3 con 3 ON** — **WWIS**

Well ID:	4905609	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Abandoned-Supply	**Date Received:**	28-Feb-1980 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3561
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	003
Depth to Bedrock:		**Concession:**	03
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\4905609.pdf

Additional Detail(s) (Map)

Well Completed Date:	1979/09/13
Year Completed:	1979
Depth (m):	30.48
Latitude:	43.8221096850622
Longitude:	-79.7512724905519
Path:	490\4905609.pdf

Bore Hole Information

Bore Hole ID:	10320325	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600414.60
Code OB Desc:		**North83:**	4852873.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	13-Sep-1979 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc 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:

Overburden and Bedrock Materials Interval

Formation ID: 932050598
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932050599
Layer: 3
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 75.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932050597
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964905609
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10868895
Casing No: 1
Comment:

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

Alt Name:

Links

Bore Hole ID:	10320325	**Tag No:**	
Depth M:	30.48	**Contractor:**	3561
Year Completed:	1979	**Path:**	490\4905609.pdf
Well Completed Dt:	1979/09/13	**Latitude:**	43.8221096850622
Audit No:		**Longitude:**	-79.7512724905519

m2171225 2 78b — **1 of 1** | **WSW/0.0** | **241.2 / -0.63** | **lot 3 con 3 ON** | **WWIS**

Well ID:	4905608	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Abandoned-Supply	**Date Received:**	28-Feb-1980 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3561
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	003
Depth to Bedrock:		**Concession:**	03
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\4905608.pdf

Additional Detail(s) (Map)

Well Completed Date:	1979/09/06
Year Completed:	1979
Depth (m):	28.956
Latitude:	43.8207594375443
Longitude:	-79.7513006374095
Path:	490\4905608.pdf

Bore Hole Information

Bore Hole ID:	10320324	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600414.60
Code OB Desc:		**North83:**	4852723.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	06-Sep-1979 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc 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:

Overburden and Bedrock Materials Interval

Formation ID:	932050594
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050595
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050596
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905608
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10868894
Casing No: 1
Comment:
Alt Name:

Links

Bore Hole ID: 10320324
Depth M: 28.956
Year Completed: 1979
Well Completed Dt: 1979/09/06
Audit No:
Tag No:
Contractor: 3561
Path: 490\4905608.pdf
Latitude: 43.8207594375443
Longitude: -79.7513006374095

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m3171222 - 19b
3 – **1 of 1** **WSW/0.0** **242.7 / 0.86** **lot 3 con 3 ON** **WWIS**

Well ID: 4903987
Construction Date:
Use 1st: Not Used
Use 2nd: 0
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 15-Dec-1972 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3561
Form Version: 1
Owner:
County: PEEL
Lot: 003
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:
Municipality: CALEDON TOWN (ALBION)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903987.pdf

Additional Detail(s) (Map)

Well Completed Date: 1972/11/30
Year Completed: 1972
Depth (m): 45.72
Latitude: 43.821441352735
Longitude: -79.7519081973361
Path: 490\4903987.pdf

Bore Hole Information

Bore Hole ID: 10318776
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 30-Nov-1972 00:00:00
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Elevation:
Elevrc:
Zone: 17
East83: 600364.60
North83: 4852798.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

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

Overburden and Bedrock Materials Interval

Formation ID: 932043782
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932043780
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932043781
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964903987
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10867346
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930526448
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 7.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994903987
Pump Set At:
Static Level: 50.0
Final Level After Pumping: 145.0
Recommended Pump Depth:
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933792000
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 150.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10318776
Depth M: 45.72
Year Completed: 1972
Well Completed Dt: 1972/11/30
Audit No:
Tag No:
Contractor: 3561
Path: 490\4903987.pdf
Latitude: 43.821441352735
Longitude: -79.7519081973361

m-4804880 4 659-b — ***1 of 1*** ***WSW/0.0*** ***242.9 / 1.11*** ***12561 CENTERVILLE CREEK*** ***WWIS***

BOLTON ON

Well ID:	7176513	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	10-Feb-2012 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z131472	**Contractor:**	1663
Tag:		**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/717\7176513.pdf

Additional Detail(s) (Map)

Well Completed Date: 2011/07/11
Year Completed: 2011
Depth (m):
Latitude: 43.8215325370386
Longitude: -79.7520132428856
Path: 717\7176513.pdf

Bore Hole Information

Bore Hole ID:	1003691048	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600356.00
Code OB Desc:		**North83:**	4852808.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Jul-2011 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1004280938
Layer: 2
Plug From: 26.0
Plug To: 96.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004067493
Layer:	1
Plug From:	0.0
Plug To:	45.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1004067492
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1004067483
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004067490
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	26.0
Depth To:	96.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1004067489
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	0.0
Depth To:	45.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004067491
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1004067484
Pump Set At:
Static Level: 6.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 1004067488
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004067487
Diameter: 4.0
Depth From: 26.0
Depth To: 96.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1004067486
Diameter: 30.0
Depth From: 0.0
Depth To: 45.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID: 1003691048
Depth M:
Year Completed: 2011
Well Completed Dt: 2011/07/11
Audit No: Z131472
Tag No:
Contractor: 1663
Path: 717\7176513.pdf
Latitude: 43.8215325370386
Longitude: -79.7520132428856

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m517f226_77b **5** ***1 of 1*** ***WSW/0.0*** ***242.9 / 1.12*** ***lot 3 con 3 ON*** ***WWIS***

Well ID: 4905607
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1

Final Well Status:	Water Supply	***Date Received:***	28-Feb-1980 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3561
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	003
Depth to Bedrock:		***Concession:***	03
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\4905607.pdf

Additional Detail(s) (Map)

Well Completed Date: 1979/10/17
Year Completed: 1979
Depth (m): 28.956
Latitude: 43.8216731820988
Longitude: -79.7525251441618
Path: 490\4905607.pdf

Bore Hole Information

Bore Hole ID:	10320323	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	600314.60
Code OB Desc:		***North83:***	4852823.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	17-Oct-1979 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Loc 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:

Overburden and Bedrock Materials Interval

Formation ID: 932050592
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932050593
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932050591
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905607
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10868893
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930528538
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	75.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994905607
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Links

Bore Hole ID:	10320323	***Tag No:***	
Depth M:	28.956	***Contractor:***	3561
Year Completed:	1979	***Path:***	490\4905607.pdf
Well Completed Dt:	1979/10/17	***Latitude:***	43.8216731820988
Audit No:		***Longitude:***	-79.7525251441618

m617223 c46b
6 ***1 of 1*** ***SSW/0.0*** ***239.0 / -2.82*** ***lot 3 con 3 ON*** ***WWIS***

Well ID:	4905154	***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:***	14-Jul-1977 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3561
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	003
Depth to Bedrock:		***Concession:***	03
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\4905154.pdf

Additional Detail(s) (Map)

Well Completed Date:	1977/06/23
Year Completed:	1977
Depth (m):	42.672
Latitude:	43.8193001406784
Longitude:	-79.7495901484376
Path:	490\4905154.pdf

Bore Hole Information

Bore Hole ID:	10319910	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	600554.60
Code OB Desc:		***North83:***	4852563.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	23-Jun-1977 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

Loc 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: 932048807
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932048808
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932048806
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05

Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932048805
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932048809
Layer: 5
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 17
Mat2 Desc: SHALE
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964905154
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10868480
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930527932
Layer: 1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	85.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994905154
Pump Set At:	
Static Level:	50.0
Final Level After Pumping:	135.0
Recommended Pump Depth:	138.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
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:	0
Flowing:	No

Water Details

Water ID:	933793191
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	110.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933793192
Layer:	2
Kind Code:	2
Kind:	SALTY
Water Found Depth:	140.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10319910	**Tag No:**	
Depth M:	42.672	**Contractor:**	3561
Year Completed:	1977	**Path:**	490\4905154.pdf
Well Completed Dt:	1977/06/23	**Latitude:**	43.8193001406784
Audit No:		**Longitude:**	-79.7495901484376

7 **1 of 1** **WSW/5.6** **240.8 / -1.05** **lot 3 con 2 ON** **WWIS**

Well ID:	4900073	**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:**	30-Jul-1963 00:00:00

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1307
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	003
Depth to Bedrock:		**Concession:**	02
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\4900073.pdf

Additional Detail(s) (Map)

Well Completed Date:	1963/07/25
Year Completed:	1963
Depth (m):	21.6408
Latitude:	43.8204170651986
Longitude:	-79.7521036320699
Path:	490\4900073.pdf

Bore Hole Information

Bore Hole ID:	10314921	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600350.60
Code OB Desc:		**North83:**	4852684.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	25-Jul-1963 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc 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:			

Overburden and Bedrock Materials Interval

Formation ID:	932028568
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	67.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932028570
Layer:	4
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932028569
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	67.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932028567
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964900073
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10863491

Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930520962
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	70.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994900073
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	
Recommended Pump Depth:	67.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933788031
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10314921	***Tag No:***	
Depth M:	21.6408	***Contractor:***	1307
Year Completed:	1963	***Path:***	490\4900073.pdf
Well Completed Dt:	1963/07/25	***Latitude:***	43.8204170651986
Audit No:		***Longitude:***	-79.7521036320699

m-8-802565 **8** 678-b	***1 of 1***	***W/7.1***	***241.9 / 0.07***	***lot 3 con 3 ON***	***WWIS***

Well ID:	4907839	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:		***Date Received:***	15-Jul-1994 00:00:00
Water Type:		***Selected Flag:***	TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:	144917	**Contractor:**	1129
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	003
Depth to Bedrock:		**Concession:**	03
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\4907839.pdf

Additional Detail(s) (Map)

Well Completed Date:	1993/02/17
Year Completed:	1993
Depth (m):	
Latitude:	43.8249911263418
Longitude:	-79.7463622884905
Path:	490\4907839.pdf

Bore Hole Information

Bore Hole ID:	10322398	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600254.48
Code OB Desc:		**North83:**	4852835.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	1
Date Completed:	17-Feb-1993 00:00:00	**UTMRC Desc:**	margin of error : < 3 m
Remarks:		**Location Method:**	survy
Loc Method Desc:	YPD: TS Survey		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	964907839
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10870968
Casing No:	1
Comment:	
Alt Name:	

Links

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

Bore Hole ID:	10322398	**Tag No:**	
Depth M:		**Contractor:**	1129
Year Completed:	1993	**Path:**	490\4907839.pdf
Well Completed Dt:	1993/02/17	**Latitude:**	43.8217893594666
Audit No:	144917	**Longitude:**	-79.7532703509763

m9485733 9 520b — **1 of 1** — **WSW/7.9** — **240.8 / -1.05** — **In front of 12520 Centreville Creek Road Caledon ON** — dd-SP — **SPL**

Ref No:	0268-AQZR75	**Contaminant Qty:**	0 other - see incident description
Site No:	NA	**Nature of Damage:**	
Incident Dt:	9/8/2017	**Discharger Report:**	
Year:		**Material Group:**	
Incident Cause:		**Health/Env Conseq:**	2 - Minor Environment
Incident Event:	Fire/Explosion	**Agency Involved:**	
Environment Impact:		**Site Lot:**	
Nature of Impact:		**Site Conc:**	
MOE Response:	No	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Map Datum:**	
MOE Reported Dt:	9/8/2017	**Northing:**	4852682.7
Dt Document Closed:		**Easting:**	600348.62
Municipality No:			
System Facility Address:			
Client Type:			
Call Report Location Geodata:			
Contaminant Code:	15		
Contaminant Name:	MOTOR OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	1993		
Receiving Medium:			
Receiving Environment:	Land		
Incident Reason:	Unknown / N/A		
Incident Summary:	TT fire - operating fluids to road		
Site Region:	Central		
Site Municipality:	Caledon		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Miscellaneous Communal		
SAC Action Class:	Land Spills		
Source Type:	Truck - Transport/Hauling		
Site County/District:	Regional Municipality of Peel		
Site Geo Ref Meth:			
Site District Office:	Halton-Peel		
Nearest Watercourse:			
Site Name:	TT accident <UNOFFICIAL>		
Site Address:	In front of 12520 Centreville Creek Road		
Client Name:			

m8107222 10 0b — **1 of 1** — **S/47.8** — **238.9 / -2.93** — **lot 2 con 3 ON** — **WWIS**

Well ID:	4905079	**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:**	14-Apr-1977 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3814
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	

Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	002
Depth to Bedrock:		**Concession:**	03
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\4905079.pdf

Additional Detail(s) (Map)

Well Completed Date:	1977/03/21
Year Completed:	1977
Depth (m):	22.86
Latitude:	43.8183863654106
Longitude:	-79.7483657348585
Path:	490\4905079.pdf

Bore Hole Information

Bore Hole ID:	10319838	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600654.60
Code OB Desc:		**North83:**	4852463.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	21-Mar-1977 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Loc 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:	932048489
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 932048490

Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932048491
Layer:	3
Color:	2
General Color:	GREY
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	72.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905079
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10868408
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527835
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	75.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994905079
Pump Set At:	

Static Level:	40.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933793117
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10319838	**Tag No:**	
Depth M:	22.86	**Contractor:**	3814
Year Completed:	1977	**Path:**	490\4905079.pdf
Well Completed Dt:	1977/03/21	**Latitude:**	43.8183863654106
Audit No:		**Longitude:**	-79.7483657348585

1 1 ***1 of 1*** ***SSE/98.6*** ***238.0 / -3.85*** ***lot 2 con 3 ON*** ***WWIS***

Well ID:	4905077	**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:**	14-Apr-1977 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3814
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	002
Depth to Bedrock:		**Concession:**	03
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\4905077.pdf

Additional Detail(s) (Map)

Well Completed Date:	1977/03/17
Year Completed:	1977

Depth (m): 25.908
Latitude: 43.8178380940972
Longitude: -79.7476311046323
Path: 490\4905077.pdf

Bore Hole Information

Bore Hole ID: 10319836
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 17-Mar-1977 00:00:00
Remarks:
Elevation:
Elevrc:
Zone: 17
East83: 600714.60
North83: 4852403.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4
Loc 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: 932048483
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932048484
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932048482

Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905077
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10868406
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527833
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	85.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994905077
Pump Set At:	
Static Level:	50.0
Final Level After Pumping:	82.0
Recommended Pump Depth:	80.0
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933793115
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10319836	**Tag No:**	
Depth M:	25.908	**Contractor:**	3814
Year Completed:	1977	**Path:**	490\4905077.pdf
Well Completed Dt:	1977/03/17	**Latitude:**	43.8178380940972
Audit No:		**Longitude:**	-79.7476311046323

Unplottable Summary

Total: 18 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
uu-CA-10791-aa CA	R.M. OF PEEL 7-0347-88	PART OF W. HALF LOT 3 CON. 2	CALEDON TOWN ON	
uu-SCT-281409-aa SCT	G.T. WOODWORKING	CENTREVILLE CREEK RD RR 5	BOLTON ON	L7E 5S1
uu-SPL-800314785-aa SPL	PRIVATE RESIDENCE	CENTREVILLE CREEK IN CALEDON EAST (N. O.S.)	CALEDON TOWN ON	
uu-SPL-323915-aa SPL	UNKNOWN	IN CREEK ON CENTREVILLE CREEK DRIVE.	CALEDON TOWN ON	
uu-WWIS-802963775-aa WWIS		lot 4	ON	
uu-WWIS-802963682-aa WWIS		lot 2	ON	
uu-WWIS-802963684-aa WWIS		con 2	ON	
uu-WWIS-802963686-aa WWIS		con 2	ON	
uu-WWIS-802963689-aa WWIS		lot 2	ON	
uu-WWIS-802963837-aa WWIS		lot 2	ON	
uu-WWIS-802963821-aa WWIS		con 2	ON	
uu-WWIS-802963819-aa WWIS		con 3	ON	
uu-WWIS-802963812-aa WWIS		con 2	ON	
uu-WWIS-802963811-aa WWIS		con 2	ON	
uu-WWIS-802963810-aa WWIS		con 2	ON	
uu-WWIS-802963809-aa WWIS		con 2	ON	
uu-WWIS-802963808-aa WWIS		con 2	ON	
uu-WWIS-80 WWIS		lot 4	ON	

Unplottable Report

Site: ***R.M. OF PEEL 7-0347-88***
PART OF W. HALF LOT 3 CON. 2 CALEDON TOWN ON

Database: CA

Certificate #: 8-3034-88-
Application Year: 88
Issue Date: 6/6/1988
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: DIESEL GENERATOR
Contaminants: Nitrogen Oxides
Emission Control:

Site: ***G.T. WOODWORKING***
CENTREVILLE CREEK RD RR 5 BOLTON ON L7E 5S1

Database: SCT

Established: 1991
Plant Size (ft²): 0
Employment: 1

--Details--
Description: Other Wood Household Furniture Manufacturing
SIC/NAICS Code: 337123

Description: WOOD OFFICE FURNITURE
SIC/NAICS Code: 2521

Description: OFFICE FURNITURE, EXCEPT WOOD
SIC/NAICS Code: 2522

Site: ***PRIVATE RESIDENCE***
CENTREVILLE CREEK IN CALEDON EAST (N.O.S.) CALEDON TOWN ON

Database: SPL

Ref No: 226512
Site No:
Incident Dt: 5/27/2002
Year:
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Event:
Environment Impact: CONFIRMED
Nature of Impact: Water course or lake
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/27/2002
Dt Document Closed:
Municipality No: 21401
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Code:

Contaminant Qty:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:

Agency Involved: REGION OF PEEL, TOWN OF CALEDON
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Receiving Environment:
Incident Reason: OTHER
Incident Summary: RESIDENCE - LAUNDRY SOAP TO CENTREVILLE CRK. FROM CROSS-CONNECTED SEWER.
Site Region:
Site Municipality: CALEDON TOWN
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Client Name:

Site: ***UNKNOWN***
IN CREEK ON CENTREVILLE CREEK DRIVE. CALEDON TOWN ON

Database: SPL

Ref No: 167016
Site No:
Incident Dt: 4/26/1999
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/26/1999
Dt Document Closed:
Municipality No: 21401
System Facility Address:
Client Type:
Call Report Location Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: WATER
Receiving Environment:
Incident Reason: OTHER
Incident Summary: SOURCE UKN-90 L DRUM OF UKN MATERIAL(RUBBER LIKE)DUMPED IN CREEK,WORKS.
Site Region:
Site Municipality: CALEDON TOWN
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Client Name:

Contaminant Qty:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved: TOWN,REGION.
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:

Site:

lot 4 ON

Database:
WWIS

Well ID:	4909093	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	15-Jan-2003 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	245651	***Contractor:***	7143
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	004
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 (CALEDON EAST)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10540528	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	26-Nov-2002 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932915405
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	20.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932915403

Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932915407
Layer: 5
Color: 2
General Color: GREY
Mat1: 10
Most Common Material: COARSE SAND
Mat2: 17
Mat2 Desc: SHALE
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 45.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932915404
Layer: 2
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3: 03
Mat3 Desc: MUCK
Formation Top Depth: 1.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932915406
Layer: 4
Color: 2
General Color: GREY
Mat1: 10
Most Common Material: COARSE SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 30.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	932915408
Layer:	6
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932915409
Layer:	7
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	60.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933238694
Layer:	1
Plug From:	0.0
Plug To:	14.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964909093
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11089098
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930533296
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	14.0

Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930533298
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 80.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930533297
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994909093
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 78.0
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935046283
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 934034301
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 30.0
Water Found Depth UOM: ft

Water Details

Water ID:	934034302
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	80.0
Water Found Depth UOM:	ft

Site:

lot 2 ON

Database:

WWIS

Well ID:	4906795	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	15-Feb-1988 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	08763	***Contractor:***	5206
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	002
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 (CHINGUACOUSY)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10321356	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	20-May-1987 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932055257
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	95.0

Formation End Depth: 155.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932055256
Layer: 4
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932055254
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932055255
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932055253
Layer: 1
Color:
General Color:
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964906795
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10869926
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930530243
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 62.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994906795
Pump Set At:
Static Level: 29.0
Final Level After Pumping: 150.0
Recommended Pump Depth: 140.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934255335
Test Type:
Test Duration: 15
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935049471

Test Type:
Test Duration: 60
Test Level: 130.0
Test Level UOM: ft

Water Details

Water ID: 933794812
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database:
WWIS

Well ID: 4907112
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 55832
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CALEDON TWP)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 27-Jun-1989 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2576
Form Version: 1
Owner:
County: PEEL
Lot:
Concession: 02
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10321673
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Jun-1989 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932056839
Layer: 8
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 142.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056841
Layer: 10
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 148.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056834
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056840
Layer: 9
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Mat2 Desc: SHALE
Mat3:
Mat3 Desc:
Formation Top Depth: 142.0
Formation End Depth: 148.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056832
Layer: 1
Color: 6

General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056836
Layer: 5
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Mat2 Desc: SHALE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 89.0
Formation End Depth: 102.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056833
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 5.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056837
Layer: 6
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 102.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056835
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932056838
Layer: 7
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964907112
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10870243
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930530755
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 160.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930530754
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To: 56.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994907112
Pump Set At:
Static Level: 38.0
Final Level After Pumping:
Recommended Pump Depth: 120.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934784608
Test Type: Recovery
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933795167
Layer: 4
Kind Code: 5
Kind: Not stated
Water Found Depth: 155.0
Water Found Depth UOM: ft

Water Details

Water ID: 933795164
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 50.0
Water Found Depth UOM: ft

Water Details

Water ID: 933795166
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 130.0
Water Found Depth UOM: ft

Water Details

Water ID: 933795165
Layer: 2

Kind Code: 5
Kind: Not stated
Water Found Depth: 85.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database:
WWIS

Well ID: 4907354
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 77155
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10-Aug-1990 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4919
Form Version: 1
Owner:
County: PEEL
Lot:
Concession: 02
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10321913
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 28-Apr-1990 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932058080
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 1.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	932058079
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932058081
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964907354
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10870483
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930531126
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	60.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994907354
Pump Set At:	

Static Level:	20.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	55.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934257008
Test Type:	Recovery
Test Duration:	15
Test Level:	38.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934531121
Test Type:	Recovery
Test Duration:	30
Test Level:	36.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935050704
Test Type:	Recovery
Test Duration:	60
Test Level:	32.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934785197
Test Type:	Recovery
Test Duration:	45
Test Level:	34.0
Test Level UOM:	ft

Water Details

Water ID:	933795450
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	20.0
Water Found Depth UOM:	ft

Site:
lot 2 ON

Database: ***WWIS***

Well ID:	4907718	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	26-Jan-1993 00:00:00

Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	125524	***Contractor:***	2652
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	002
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 (CALEDON TWP)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10322277	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08-Dec-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932060167
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	56.0
Formation End Depth:	62.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932060166
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0

Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932060165
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932060168
Layer: 4
Color: 7
General Color: RED
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 62.0
Formation End Depth: 304.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932060169
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 304.0
Formation End Depth: 306.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933170485
Layer: 1
Plug From: 4.0
Plug To: 10.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964907718
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10870847
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930531655
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 255.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 994907718
Pump Set At:
Static Level: 20.0
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:
Pumping Duration HR:
Pumping Duration MIN: 0
Flowing: No

Site:
lot 2 ON

Database: ***WWIS***

Well ID: 6713515
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220638
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03-Oct-2000 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2663
Form Version: 1
Owner:
County: WELLINGTON
Lot: 002
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Municipality: PEEL TOWNSHIP
Site Info:

Bore Hole Information

Bore Hole ID: 10477348
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 25-Sep-2000 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932662558
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 211.0
Formation End Depth: 213.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932662556
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932662557
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 211.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933211459
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966713515
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11025918
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930777780
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930777781
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996713515
Pump Set At:
Static Level: 33.0
Final Level After Pumping: 35.0
Recommended Pump Depth:

Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935133519
Test Type: Draw Down
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934620200
Test Type: Draw Down
Test Duration: 30
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934872464
Test Type: Draw Down
Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934355635
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933968308
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 213.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 4909343
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 54276

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 29-Mar-2004 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1129

Tag:		***Form Version:***	2
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (CALEDON EAST)		
Site Info:			

Bore Hole Information

Bore Hole ID:	11099345	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	13-Dec-2002 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932948643
Layer:	5
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	81.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948642
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	37.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948641
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	26.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948639
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948640
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	26.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246765
Layer:	1
Plug From:	0.0
Plug To:	2.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246766
Layer:	2

Plug From: 2.0
Plug To: 66.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964909343
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 11103060
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930834959
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 71.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407295
Layer: 1
Slot: 010
Screen Top Depth: 71.0
Screen End Depth: 81.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 934044611
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 14.0
Water Found Depth UOM: ft

Site:
con 3 ON

Database: ***WWIS***

Well ID: 4909341
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 54278
Tag:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 29-Mar-2004 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1129
Form Version: 2

Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (CALEDON EAST)		
Site Info:			

Bore Hole Information

Bore Hole ID:	11099343	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	28-Nov-2002 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932948626
Layer:	5
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	29.0
Formation End Depth:	67.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948624
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948622
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948625
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	29.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948623
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246762
Layer:	3
Plug From:	65.0
Plug To:	67.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246761
Layer:	2

Plug From: 2.0
Plug To: 53.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246760
Layer: 1
Plug From: 0.0
Plug To: 2.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964909341
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 11103058
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930834957
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 55.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407293
Layer: 1
Slot: 010
Screen Top Depth: 55.0
Screen End Depth: 65.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 934044609
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 12.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID:	4909310	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	19-Jan-2004 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	261890	***Contractor:***	1737
Tag:		***Form Version:***	2
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	HS E
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (CALEDON TWP)		
Site Info:			

Bore Hole Information

Bore Hole ID:	11099328	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	15-Sep-2003 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932948548
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	31
Most Common Material:	COARSE GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948550
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	08

Most Common Material: FINE SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 111.0
Formation End Depth: 135.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948549
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 30
Mat2 Desc: MEDIUM GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 69.0
Formation End Depth: 111.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948546
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 08
Mat2 Desc: FINE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 34.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948547
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 34.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246730
Layer: 3

Plug From: 92.0
Plug To: 135.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246728
Layer: 1
Plug From: 75.0
Plug To: 80.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246729
Layer: 2
Plug From: 80.0
Plug To: 92.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964909310
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11103043
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930834943
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 92.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407281
Layer: 1
Slot: 010
Screen Top Depth: 92.0
Screen End Depth: 112.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 934044599
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 112.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database:
WWIS

Well ID: 4909308
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 261886
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CALEDON TWP)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 19-Jan-2004 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1737
Form Version: 2
Owner:
County: PEEL
Lot:
Concession: 02
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11099326
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09-Sep-2003 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 964909308
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11103041
Casing No: 1
Comment:
Alt Name:

Site:

con 2 ON

Database:

WWIS

Well ID:	4909307	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	19-Jan-2004 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	261887	***Contractor:***	1737
Tag:		***Form Version:***	2
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	HS E
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (CALEDON TWP)		
Site Info:			

Bore Hole Information

Bore Hole ID:	11099325	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09-Sep-2003 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932948540
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	31
Mat2 Desc:	COARSE GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	44.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932948542
Layer:	3
Color:	2

General Color: GREY
Mat1: 34
Most Common Material: TILL
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 86.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948541
Layer: 2
Color: 6
General Color: BROWN
Mat1: 31
Most Common Material: COARSE GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 44.0
Formation End Depth: 86.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246724
Layer: 3
Plug From: 30.0
Plug To: 38.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246722
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246723
Layer: 2
Plug From: 20.0
Plug To: 30.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964909307
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11103040
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930834941
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 46.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407279
Layer: 1
Slot: 010
Screen Top Depth: 46.0
Screen End Depth: 56.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 934044597
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 4909306
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 261888
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CALEDON TWP)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 19-Jan-2004 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1737
Form Version: 2
Owner:
County: PEEL
Lot:
Concession: 02
Concession Name: HS E
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11099324
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Sep-2003 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932948535
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948539
Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 104.0
Formation End Depth: 107.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948536
Layer: 2
Color: 6
General Color: BROWN
Mat1: 34
Most Common Material: TILL
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 77.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948537
Layer: 3
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 77.0
Formation End Depth: 96.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948538
Layer: 4
Color: 6
General Color: BROWN
Mat1: 31
Most Common Material: COARSE GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 96.0
Formation End Depth: 104.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246721
Layer: 3
Plug From: 40.0
Plug To: 68.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246719
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246720
Layer: 2
Plug From: 20.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 964909306
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11103039
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930834940
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 58.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407278
Layer: 1
Slot: 010
Screen Top Depth: 58.0
Screen End Depth: 68.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 934044596
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 68.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 4909305
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 261889
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 19-Jan-2004 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1737
Form Version: 2
Owner:
County: PEEL
Lot:
Concession: 02
Concession Name: HS E
Easting NAD83:

Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CALEDON TWP)
Site Info:

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11099323
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Sep-2003 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932948531
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 31
Mat2 Desc: COARSE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948532
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 81.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948533
Layer: 3
Color: 6

General Color: BROWN
Mat1: 31
Most Common Material: COARSE GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948534
Layer: 4
Color: 6
General Color: BROWN
Mat1: 34
Most Common Material: TILL
Mat2: 05
Mat2 Desc: CLAY
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 110.0
Formation End Depth: 135.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246717
Layer: 2
Plug From: 20.0
Plug To: 50.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246718
Layer: 3
Plug From: 50.0
Plug To: 88.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246716
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964909305
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11103038
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930834939
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 68.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933407277
Layer: 1
Slot: 010
Screen Top Depth: 68.0
Screen End Depth: 88.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Site:
lot 4 ON

Database: WWIS

Well ID: 6714583
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 257956
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: PEEL TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 23-Sep-2003 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2663
Form Version: 1
Owner:
County: WELLINGTON
Lot: 004
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10548134
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 20-Aug-2003 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

Overburden and Bedrock Materials Interval

Formation ID: 932940159
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932940162
Layer: 4
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 180.0
Formation End Depth: 182.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932940160
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 104.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932940161
Layer: 3
Color: 6
General Color: BROWN

Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 104.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933244759
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966714583
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11096704
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930779333
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996714583
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 24.0
Recommended Pump Depth: 80.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 30.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934614719
Test Type: Draw Down
Test Duration: 30
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935136788
Test Type: Draw Down
Test Duration: 60
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934875729
Test Type: Draw Down
Test Duration: 45
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934350160
Test Type: Draw Down
Test Duration: 15
Test Level: 24.0
Test Level UOM: ft

Water Details

Water ID: 934042072
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 182.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Oct 2022

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Feb 28, 2022

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 r-CA-bb 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 r-CDRY-bb 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 2021

Commercial Fuel Oil Tanks: Provincial r-CFOT-bb CFOT

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private r-CHEM-bb 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 r-CHM-bb 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-Feb 28, 2023

Compressed Natural Gas Stations: Private r-CNG-bb 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 2023

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial r-COAL-bb 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 r-CONV-bb 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-Feb 2023

Certificates of Property Use: Provincial r-CPU-bb CPU

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

Government Publication Date: 1994 - Mar 31, 2023

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Oct 2022

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Mar 31, 2023

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Mar 31, 2023

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Mar 31, 2023

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-Dec 31, 2022

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 or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Mar 2023

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial r-FSTH-bb 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 r-GEN-bb GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal r-GHG-bb GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial r-HINC-bb 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 r-IAFT-bb 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 r-INC-bb INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial r-LIMO-bb 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 21, 2022

Canadian Mine Locations: Private r-MINE-bb 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 r-MNR-bb 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 2023

National Analysis of Trends in Emergencies System (NATES): Federal r-NATE-bb 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 r-NCPL-bb NCPL

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

Government Publication Date: Dec 31, 2021

National Defense & Canadian Forces Fuel Tanks: Federal r-NDFT-bb 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 r-NDSP-bb NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal r-NDWD-bb 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 r-NEBI-bb NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal r-NEBP-bb 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 r-NEES-bb 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 r-NPCB-bb 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 r-NPRI-bb NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private r-OGWE-bb 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-Nov 30, 2022

Ontario Oil and Gas Wells: Provincial r-OOGW-bb OOGW

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

Government Publication Date: 1800-Aug 2021

Inventory of PCB Storage Sites: Provincial r-OPCB-bb 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 r-ORD-bb ORD

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

Government Publication Date: 1994 - Mar 31, 2023

Canadian Pulp and Paper: Private r-PAP-bb 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 r-PCFT-bb 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 r-PES-bb PES

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

Government Publication Date: Oct 2011- Mar 31, 2023

Pipeline Incidents: Provincial r-PINC-bb PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial r-PRT-bb 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 r-PTTW-bb PTTW

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

Government Publication Date: 1994 - Mar 31, 2023

Ontario Regulation 347 Waste Receivers Summary: Provincial r-REC-bb 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, 1992-2020

Record of Site Condition: Provincial r-RSC-bb RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2023

Retail Fuel Storage Tanks: Private r-RST-bb 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-Feb 28, 2023

Scott's Manufacturing Directory: Private r-SCT-bb 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 r-SPL-bb SPL

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

Government Publication Date: 1988-Oct 2021

Wastewater Discharger Registration Database: Provincial r-SRDS-bb 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, 2020

Anderson's Storage Tanks: Private r-TANK-bb 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 r-TCFT-bb 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 2020

Variances for Abandonment of Underground Storage Tanks: Provincial r-VAR-bb 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 r-WDS-bb WDS

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

Government Publication Date: Oct 2011- Mar 31, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial r-WDSH-bb 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 r-WWIS-bb 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: Jun 30 2022

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 IV
Qualifications of Assessor

Qualifications of Assessor – Jessica Ramos

Jessica Ramos is a Project Technologist with the Environmental Due Diligence and Remediation Group. She obtained a Master's degree in Environmental Science from the University of Guelph (U of T) in 2020. During her Master's degree, Jessica gained experience in conducting Phase I Environmental Site Assessments, environmental sampling and the preparation of professional reports. By being part of the Pinchin team, Jessica continues to further her knowledge as she gains experience in conducting Phase I Environmental Site Assessments, environmental monitoring and preparation of professional reports.

APPENDIX V
Photographs

Photo 1 – Site Building A (southwest side).

Photo 2 – Site Building B (southeast side).

Photo 3 – Site Building C (southeast side).

Photo 4 – Site Building (southeast side).

Photo 5 – Site Building E and F (southeast side).

Photo 6 – Site Building G (southwest side).

Photo 7 – Site Building H (northwest side).

Photo 8 – Site Buildings I and J (northwest side).

Photo 9 – Site Building K and L (southwest side).

Photo 10 – Properties located northeast of the Site.

Photo 11 – Properties located northwest of the Site.

Photo 12 – Properties located southeast of the Site.

Photo 13 – Properties located southeast of the Site.