

TOWN OF CALEDON
PLANNING
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REPORT ON
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
14245 HIGHWAY # 50
CALEDON, ONTARIO

Prepared for:

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1.0 EXECUTIVE SUMMARY

DS Consultants Ltd. (DSCL) was retained by Engtec Consulting Inc. (Engtec) to complete a Phase One ESA of the Property located at 14255 Highway 50 with the legal Description of “Part of Lots 11 and 12, Concession 7, (Albion), Town of Caledon, Regional Municipality of Peel, Ontario” (Phase One Property or the Property). The Property is located at the northeast corner of Highway No. 50 (Hwy 50) and Columbia Way in Caledon, Ontario.

DSCL understands that, the Property will be developed for commercial purposes and this Phase One ESA was requested to facilitate development of the Property and for due diligence purposes.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended).

The Phase One ESA involved the following main tasks:

- A records review of historical site use and activities for the Phase One Property and for the areas within approximately 250 m;
- Interviews with available individuals having knowledge of current and/or historical site activities;
- A reconnaissance inspection of the Property; and
- Evaluation of the information and documentation.

The following is a summary of the findings of the Phase One Environmental Assessment:

- The Phase One Property is an irregular shaped parcel of land that covers an area of approximately 12.3 ha (30.4 acres) with a frontage of approximately 223 m along Hwy 50.
- Based on information obtained through the records review the Property was developed for residential purposes in 1970s and has been mainly used for agricultural purposes. Based on the aerial photograph dated 1976, the Property included a residential type building located to the northwest of the Property with an access road from Highway 50. The residential house was demolished in the late 1990s or early 2000s.
- Based on information obtained through the records review and chain of title search, the Phase One Property was owned by the Crown prior to 1831 and by private individuals from 1810 to 1968. Wyndcliffe Developments Inc. has owned the Property since 1985.
- The Property has an uneven surface that is mainly an open field covered by tall grass, bushes and some trees.
- Based upon a review of the conditions outlined in Part 1X Sections 41 and 43.1 of Ontario Regulation 153/04 the Property is a Sensitive Site since it is within 30 m of water body, includes

a creek located to the east. The applicable site condition standards for the Property is Table 8 within 30 m of water body in a potable ground water condition.

- According to the Ecolog ERIS historical records search, the Property was listed in water well information system database. A water supply well was installed in 1978 to a maximum depth of approximately 45 m (148 ft). No other information was available for the Property.
- The Property is surrounded by institutional, residential/open space, and commercial (garage, public works, garden centre) properties. Potential environmental impacts from these properties on the Phase One Property are anticipated to be low with the exception of an auto repair shop (garage) that is located in an upgradient location from Phase One Property based on inferred ground water flow direction to the southeast.

Based on the records review the following potentially contaminating activities (PCAs) at the Phase One Property which represent a potential environmental concern:

1. *PCA#30: Importation of Fill Material of Unknown Quality* - The records review of the Property revealed that the majority of Property has been used for agricultural purposes and includes an un even surface. The Property included structures to the northwest and southwest corner of the Property. Fill materials could have been imported to the Property for grading purposes or present at the location of former structures.
2. *PCA# 40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications* -The records review of the Property revealed that the majority of Property has been used for agricultural purposes (crop farming). OC pesticides might have been used on the Property for farming purposes.
3. *PCA # 28: Gasoline and Associated Products Storage in Fixed Tanks* historical use of furnace oil for heating purposes of former residential house.

The following potentially contaminating activity (PCA) at the Phase One Study Area which represents a potential environmental concern:

4. *PCA#10: Commercial Autobody Shop*- an auto repair shop “garage” is located adjacent to the northwest of the Property in Phase One Study Area

Information for Areas of potential environmental concern (APECs) at the Phase One Property is presented in the following Table:

Areas of Potential Environmental Concern:

APEC ¹	Location of APEC on Phase One Property	PCA	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1	Entire Property	40 (Pesticides)	On-Site	OC pesticides	Soil, Groundwater
APEC #2	Western portion of the Property	30 (Fill importation,	Off-Site	Metals & Inorganics	Soil,
APEC #3	Western portion of the Property	28 (Fuel Storage)	On-Site	PHC fractions F1-F4, BTEX	Soil, Groundwater
APEC #4	Western portion of the Property	10 (Body Shop),	Off-Site	PHC fractions F1-F4, VOCs, PAHs, metals and inorganics	Soil, Groundwater
Notes: 1. area of potential environmental concern (APEC) means the area on, in or under the Phase One Property where one or more contaminants are potentially present.					

Based on the above, DSCL recommends a Phase Two ESA to investigate soil and groundwater conditions at the site, including advancing boreholes to facilitate the collection of soil samples, and installing monitoring wells to facilitate the collection of groundwater samples in the vicinity of the above noted APECs.

Phase One Property information obtained through historical records and databases reviewed as part of this investigation are subject to the nature and accuracy of the records provided to DSCL. As a result of changes or additional details within these records or databases the conclusions of this Phase One ESA may be affected.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

Underground utilities are not present on the Phase One Property. Subsurface utility trenching will not influence the direction and extent of contamination if determined to exist as a result of areas of potentially contaminating activities.

Freedom of Information records request has been forwarded to the Ministry of Environment and also TSSA has been requested for any information for underground or aboveground storage tank within the

Property and Study Area. The client will be made aware of any records identified by the file search requests, when a response is received.

It should be noted that general environmental management and housekeeping practices were reviewed as part of this assessment with respect to their impact on the environmental condition of the Property; however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

The QP has determined that the uncertainty does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report. The Phase One Conceptual Site Model has been presented in Figure 3A and 3B.

The results of this investigation are subject to review pending receipt of any outstanding regulatory responses. In the event that an issue of concern is identified, DSCL Inc. will provide additional comment and identify any requirement for additional work.

It is our opinion that the absence of information, specifically any outstanding responses from the regulatory agencies, will not significantly affect the validity of the findings of the Phase One ESA.

2.0 INTRODUCTION

DS Consultants Ltd. (DSCL) was retained by Engtec Consulting Inc. (Engtec) to complete a Phase One ESA of the Property located at 14245 Highway No. 50 (Hwy 50), in Town of Caledon, Regional Municipality of Peel, Ontario" (Phase One Property or the Property). The entire property covers an area of approximately 12.3 hectares (30.4 acres) and has been historically used for agricultural and residential purposes.

DSCL understands that the Property will be developed for residential purposes and this Phase One ESA was requested for due diligence purposes and to facilitate development of the Property.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The Property Location is shown in Figure 1.

2.1 Phase One Property Information

The information for the Phase One Property is provided in the following Table:

Phase One Property	Information	Source
Legal Description	Part of the Lots 11 and 12, Concession 7, Town of Caledon, Regional Municipality of Peel	Land Registry Office Survey Plan prepared by Krcmar, Ontario Land Surveyor Dated, April 17, 2009 (Appendix A)
Property Identification Number (PIN)	14331-0302 (LT)	Land Registry Office
Municipal Address	14245 Hwy 50, Caledon	Town of Caledon, online-information
Assessment Roll Number	212401000213501	Town of Caledon, online-information
Zoning	Vacant residential/commercial/industrial land owned by a non-farmer with a portion being farmed	Town of Caledon, online-information

Contact information for the owner of the Phase One Property is provided as follows:

Property Owner	Address	Contact Name	Source
Windcliffe Developments Inc.	1175 Meyerside Drive, Suite 2, Mississauga, ON, L5T 1H3	Anthony Maida, President and CEO 905-405-7270 amaida@georgiangroup.com	Land Registry Office Town of Caledon, online-information

2.2 Site Description

The Phase One Property is an irregular shaped parcel of land that covers an area of approximately 12.3 ha (30.4 acres) with a frontage of approximately 223 m along Hwy 50.

The Phase One Property is located on the east side of Hwy 50 and north side of Columbia Way, in a mixed agricultural, residential, institutional and commercial area of the Town of Caledon. The Property is located an approximately 1 km to the north of King Street East and 0.7 km to the west of Mount Hope Road. For discussion purposes, Columbia Way at this location is assumed to be aligned in an east-west direction and Hwy 50 in a north-south direction. A Plan of Survey prepared for the Phase One Property dated, April 17, 2009, prepared by Krcmar, Ontario Land Surveyor is provided in Appendix A.

2.3 Structures

The Property currently includes no structures. The Property included a low rise residential house that was demolished in the late 1990s or early 2000s.

2.4 Objectives of Investigation

The objectives of the Phase One ESA are:

- To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property.
- To identify potentially contaminating activities within the Study Area (i.e., areas within 250 m of the Property).
- To determine the need for a Phase Two ESA.
- To provide a basis for carrying out any Phase Two ESA
- To identify issues of obvious or potential environmental concern of the Property from the current and historical activities at the Phase One Property and Study Area.

3.0 SCOPE OF INVESTIGATION

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

- A review of records and reports regarding historical and current use, occupancy, and activities for the Phase One Property and for the Phase I Study Area.
- Interviews with available individuals having knowledge of current and/or past site activities.
- An inspection of the Phase One Property and observation of the Study Area.
- Evaluation of the information and documentation of the results of the review.

As part of this Phase One ESA, Mr. Anthony Maida, President of Georgian Group, the former owner, was interviewed as the site representative. The observations recorded during the site visit and the information obtained from the records review are discussed in this report. Sampling and analysis of soil, ground water or other materials (e.g., construction materials, air) were not carried out as part of the Phase One ESA.

DSCL understands that the Phase One ESA has been requested for due diligence purposes and was not required for the filing of a Record of Site Condition for the Property. The purpose of the Phase One ESA was to identify, through a non-intrusive investigation, the existence of any significant actual or potential contamination associated with the Property prior to the purchasing of the Property. The results of the Phase One ESA provide a recommendation for requirement of any further intrusive environmental assessment (Phase Two ESA) to confirm soil or/and ground water conditions at the Property.

The scope of work conducted by DSCL included the following:

Records Review

Obtaining and reviewing the following records for preparation of the Phase One ESA report:

- Review of physical setting information such as; aerial photographs, topographic mapping, available historical maps and drawings.
- Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DSCL Inc.
- Geological and hydrogeological information in published government maps and/or reports.

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

Site Reconnaissance

The site reconnaissance included the following:

1. Identifying the site operations, processes, and waste management currently carried out on the Phase One Property.
2. Identifying neighbouring land uses (i.e. sensitive neighbours, as well as potential off-site contamination, which may impact the subject property);
3. Identifying the potable water supply source.
4. Assessment of the potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs).
5. Identifying probable cut and fill operations that may have required that fill of unknown quality be deposited on the subject property.
6. Identification of floor cracks, hydraulic hoists, elevators, sumps and drains.
7. Identifying visual and suspected areas of surface and subsurface contamination Assessment of the potential presence of various Designated Substances and building materials including:
 - a. Friable and non-friable asbestos.
 - b. Urea formaldehyde foam insulation (UFFI).
 - c. Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment.
 - d. PCB-containing materials and electrical equipment.
 - e. Lead-based paint.
 - f. Mould.

8. Identification of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines.
9. Inspection of general site conditions, including topography and drainage, standing water, rights-of-way, presence of underground utilities, evidence of stained or odorous soils and stressed vegetation, and vehicle parking.

In addition, an inspection of adjacent properties within the Phase One study area (identified in Section 4.1.1) was completed to assess the potential for operations being carried out on those properties to impact on the environmental condition of the subject property. The inspection of adjacent properties was limited to inspection from the Phase One property boundaries and public areas (road, sidewalks, etc.).

Interviews

The objectives of the interview were:

- To obtain information to assist in determining if an area of potential environmental concern exists.
- To identify details of potentially contaminating activities or potential contaminant pathways in, on, or under the Phase One Property.

Key personnel were interviewed, and asked questions related to specific site activities such as:

- The nature of site operations.
- Handling and storage of environmentally sensitive products and related wastes.
- Environmental approvals and registrations.
- Knowledge of previous reports related to the environmental condition of the Property.
- Issues related to non-compliance, orders, or charges related to environmental conditions on the Property.

For this assessment, a representative of DSCL was provided information from the owner of the Property.

The information acquired from this interview is presented in Section 5.0 of the report.

Documentation and Evaluation of Information

The information obtained from the records review, interviews, and site reconnaissance, was described and evaluated as summarized below:

- Documentation of information, as noted in subsequent sections of the report;
- Description of current and past uses of the Phase One Property;
- Description and discussion of potentially contaminating activities;
- Description of the areas of potential environmental concern;

- Development of a Phase One Conceptual Site Model to illustrate the Phase One Property location, Phase One Study Area, Potentially contaminating Activities (PCA), and Areas of Potential Environmental Concern (APEC);
- Preparation of summary report of findings and
- Discussion of the need, if any, for further investigation.

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

The Phase One Study Area was determined by a 250 m offset from the property boundaries, in accordance with O.Reg. 153/04, as amended. The Phase One Study Area was kept at a 250 m radius from the Phase One Property boundary as no heavy industrial properties are currently located within 500 m of the Phase One Property. Properties within the 250 m radius currently consist mainly of agricultural, residential, institutional and commercial use. Furthermore, potentially contaminating activities were identified within the 250 m Phase One Study Area and it is unlikely that potentially contaminating activities beyond 250 m of the Phase One Property would have a detrimental environmental impact on the Phase One Property. As such, the QP_{ESA} has determined based on the information review and site visit, the need to extend the boundary of the study area is not warranted.

Based on information collected during the site reconnaissance inspection, the Study included the following property uses:

Direction	Addresses
North	Auto repair shop located to the northwest corner of the Property (commercial) Undeveloped properties (agricultural) Nursery Garden (commercial)
East	Creek Undeveloped properties (agricultural)
South	Columbia Way (transportation/commercial) St. Michael Catholic Secondary School located to the north of Columbia Way (institutional) Residential properties to the south of Columbia Way (residential)
West	Hwy 50 (transportation/commercial) Undeveloped properties (agricultural) Motor Home Travel Canada (recreational)

The properties within the Phase One Study Area were part of the site investigation and the historical review. Potentially contaminating activities identified during our review are discussed within this report.

An Esso gasoline service station is located approximately 450 m northwest of the Property. Based on the distance from the Property, potential environmental impacts from this service station on the Property is anticipated to be low. The approximate limits of the Phase One Study Area are shown on Figure 2.

4.1.2 First Developed Use Determination

The determination of first developed use for the Property is based on review of air photographs, historical maps, records review and interview.

Based on information obtained through the records review, the Property was developed for residential purposes in 1970s and was mainly used for agricultural purposes. According to the aerial photograph dated 1976, the Property included a residential type building located to the northwest of the Property with an access road from Highway 50. According to the well records listed in the MOECC database, the Property included a domestic well installed in 1978. The residential house was demolished in the late 1990s or early 2000s.

4.1.3 Fire Insurance Plans

Fire insurance plans were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. The review revealed no Fire Insurance Plan was available for the Phase One Property and the properties located in the Study Area.

4.1.4 Chain of Title

A Chain of Title search for the Property was prepared as part of the Phase One ESA. The title search was completed for PIN # 14331-0302 (LT) which covers the entirety of the Phase One Property. The Chain of Title covers the period from 1831 to 2018. The Property (Lot 12) was first patented from The Crown to Johan Scott in 1831 and to Canada Company (Lot 11) in 1839.

According to the report the Property had been owned by private individuals from 1831 to 1968 and by commercial companies from 1968 to the present as shown on the following Table:

Date	Ownership
Prior to March 1831	Crown Land
March 1831 to June 1836 (Lot 12, concession 7)	John Scott
March 1839 (Lot 11, concession 7)	Canada Compony
July 1839 to June 1836	John Long
June 1836 to September 1841	John Boyle
September 1841 to June 1856	Joseph Taylor
June 1856 to November 1873	James Rutherford
November 1873 to January 1883	Henry Rutherford

January 1883 to April 1910	Andrew Henderson
April 1910 to April 1921	Henry Harpper and James Harpper
April 1921 to February 1933	Andrew & Leonard Henderson
February 1933 to June 1939	Andrew Henderson
June 1939 to November 1968	Brightvale Construction Limited
November 1968 to December 1968	Lincoln Henderson
December 1968 to November 1971	Sorrento Developments Limited
November 1971 to August 1974	Dom Investments Limited
August 1974 to November 1985	The Great Georgian Realty Group
Since November 1985	Wyndcliffe Developments Inc.

The Property has been owned by Wyndcliffe Developments Inc., since November 1985. The Property was purchased from The Great Georgian Realty Group in 1985. Based on the records review, the Property has been owned by commercial companies for 50 years.

4.1.5 Environmental Reports

According to the site representative, no previous environmental site assessment report was available for the Phase One Property.

4.1.6 Review of Other Historical Information

City directories were reviewed at the Metropolitan Toronto Reference Library. The city directories covered the period from 1950 to 2001 (Might's Suburban Metro Toronto Criss-Cross, Peel Region and Ontario Criss-Cross Directory). No information for the Property was available prior to 1994. According to the 1994 directory the Property with municipal address 14245 was listed as residential, occupied by Vandernbosh family.

The following Tables provided the information for the Phase One and Study Area.

Results of City Directory Phase One Property:

Direction	Addresses	Occupants
Phase One Property	14245 Highway 50 (Bolton)	Vandenbosch 1990s Ravin of Taylor Woods in 1999-2001

Results of City Directory Phase One Study Area:

Direction	Addresses	Occupants
Phase One Study Area	14289 Highway 50 (Bolton)	Amerco Rentals Neighborhood Dealers in 1994 Dolars A Day Car Rentals, Albion Auto Sales in 2001
Western properties West of Hwy 50	14291 Highway 50 (Bolton)	Pilon L (residential) from 1994 to 2001
	14445 Highway 50 (Bolton)	Residential in 1994 Autopro Mike the Mechanic In 2001
Phase One Study Area	14118 Highway 50 (Bolton)	Residential in 1994 Sant Charles in 2001
Eastern properties East of Hwy 50	14218 Highway 50 (Bolton)	Cold Creek Landscaping & Maintenance 1994 to 2001
	14328 Highway 50 (Bolton)	Berry Kip (residential) 1994 to 2001
	14442 Highway 50 (Bolton)	Caledon Transport, James Dick Concrete Aggregates
Phase One Study Area Southern properties	9130 Columbia Way	No information for school property was available in the review directories.

According to the city directories review, Caledon Transport, James Dick Concrete Aggregates is located to the west of the Property and ground water flow direction at this location is towards a creek located to the west of the Property. The following table presents the Contaminating Activities from the historical street directories review.

Potentially Contaminating Activities from Historical Street Directories Review:

Location of PCA	PCA	Details
Phase One Property	PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Use of the property for agricultural purposes
	PCA # 28. Gasoline and Associated Products Storage in Fixed Tanks	Historical heating system of residential house by possible furnace oil

Location of PCA	PCA	Details
Study Area	PCA # 10. Commercial Autobody Shops	Use of the Study Area property for auto repair shop since 1990s
	PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Use of properties for agricultural purposes

4.2 Environmental Source Information

4.2.1 Ecolog Eris Report

EcoLog Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information.

DSCL contacted EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. EcoLog searched 15 Federal databases, 37 Provincial databases and 10 private databases.

ERIS report included the following databases:

Federal Government Source Databases

- Contaminated Sites on Federal Land;
- Environmental Effects Monitoring;
- Environmental Issues Inventory System;
- Federal Convictions;
- Fisheries & Oceans Fuel Tanks;
- Indian & Northern Affairs Fuel Tanks;
- National Analysis of Trends in Emergencies System (NATES);
- National Defense & Canadian Forces Fuel Tanks;
- National Defence & Canadian Forces Spills;
- National Defence & Canadian Forces Waste Disposal Sites;
- National Environmental Emergencies System (NEES);
- National PCB Inventory;
- National Pollutant Release Inventory;
- Parks Canada Fuel Storage Tanks; and
- Transport Canada Fuel Storage Tanks.

Provincial Government Source Databases

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

Private Source Databases

- Anderson's Storage Tanks;
- Anderson's Waste Disposal Sites;
- Automobile Wrecking & Supplies;
- Canadian Mine Locations;
- Canadian Pulp and Paper;
- Chemical Register;
- ERIS Historical Searches;
- Oil and Gas Wells;
- Retail Fuel Storage Tanks; and
- Scott's Manufacturing Directory.

From these databases, there was one listing for Phase One Property and 44 listings within the Phase One Study Area.

The relevant entries for the Property and Study Area are summarized in the following Tables.

ERIS database entries for the Property

Database	Entry Details
Water Well Information System	The Property included a domestic well installed in 1978 to a maximum depth of 45 m (148 ft). The well was installed in brown clay, sand and gravel. Water was observed at 42 m (140 ft).

The search identified a number of listings for sites located within the Study Area as are summarized in the following Table

ERIS database entries for sites within the Study Area

Database/Date	Entry Details
Ontario Spill	According to the ERIS searches, the property located at Lot 13, Concession 7, southwest of the Property occupied by Suny's Gas Bar on Hwy 50, at Queen Suny's Gas in Zaires parking lot Service Station had 100 L of gasoline spill to ground and storm in 1990. No environmental impact was reported.
Ontario Regulation 347 Waste Generator Summary	14220 Hwy 50, occupied by Bolton Public Works Yard #3 was registered with the MOECC as waste generator source for variety of hazardous wastes such as used oil, Waste crankcase oils and lubricants, halogenated solvent, paints, etc. since 1993.
Water Well Information System	Information for 8 domestic water wells was available for the properties located in the Study Area.

4.2.2 Environment Canada

The National Pollutant Release Inventory (NPRI) was reviewed as part of this Phase One ESA for information on releases and transfers of pollutants. The NPRI was established in 1992 and is legislated under the Canadian Environmental Protection Act (CEPA 1999). Information also was reviewed from Ecolog Eris report presented in Appendix C. The Phase One Property and Study Area were not in the listings.

4.2.3 PCB Storage Site Inventory

The MOECC, Waste Management Branch, maintains an inventory of PCB storage sites within the Ontario, Regulation 11/82(Waste Management -PCB) and Reg. 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 MOECC. The Ontario Inventory of PCB Storage Sites (1994, 1995, 1996, 1998, 1999 and 2004) did not list the Property as a PCB storage property. According to the MOECC the Phase One Property and Phase One Study Area were not listed as a PCB storage site.

4.2.4 Environmental Registry

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. 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, Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders. No records were found in the environmental Registry for the Phase One Property and Phase One Study Area.

4.2.5 Inventory of Coal Gasification Plant Waste Site

The Coal Gasification Plant Waste Sites in Ontario (April 1987) and Intera Technologies Ltd., Inventory of Coal Gasification Plant Waste Sites in Ontario, (April 1987 and November 1988) indicates that the Property had not been used for the gasification of coal. There is no record of historical coal gasification plants or disposal sites for the Property and Study Area.

4.2.6 MOECC's Waste Disposal Site Inventory

The Waste Disposal Site Inventory-Ontario-1991 indicated that the Property is not listed as a former waste disposal facility. It should be noted that MOECC's Waste Disposal Site Inventory provides listings

only up till 1991. More current information regarding the Waste Disposal Inventory was reported in ERIS report (Appendix C).

4.2.7 Brownfields Environmental Site Registry

Brownfields are lands on which industrial or commercial activity took place in the past and there is the possibility that the lands may be impacted and need to be cleaned up before they can be redeveloped. A Record of Site Condition (RSC) should to be filed in the Environmental Site Registry to protect from environmental liability. The MOECC Brownfields Environmental Site Registry (BESR) indicates no record of the Phase One Property or the properties located in the Study Area within the registry.

4.2.8 Ministry of the Environment- Freedom of Information

A request was submitted to the MOECC Freedom of Information and Protection of Privacy Office (Appendix C) to determine if there were any environmental incidents or violations associated with the subject property; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the subject property; and, to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills that had occurred in the site vicinity. Note that the SAC's database dates back only to 1988 and many of the occurrences on file have only been reported voluntarily. In addition, the MOECC was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground storage tanks and underground storage tanks; monitoring data, including that done at the request of the MOECC; historical and current waste management, receiver and generator records; process, production and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

A response has not yet been received from the MOECC. The client will be made aware of any records identified by the MOECC file search, when a response is received.

MOECC databases containing records of historic spills, orders and complaints were also searched through EcoLog ERIS. A summary of the search results is presented in Section 4.2.1.

4.2.9 Waste Management Records

DSCL reviewed the Hazardous Waste Information Network (HWIN), 2004, available on Ministry of Environment website. A review of the HWIN online databased indicated that the Property was not registered with the MOECC as a waste generator site. Information for the Study Area is provided in ERIS report (Appendix C).

4.2.10 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) maintain records related to storage tanks for petroleum related products. The TSSA was contacted to review records related to the Property and Study Area. A response has not yet been received by the TSSA. However, according to ERIS report, no information for any storage tank was available.

4.2.11 Areas of Natural Significance

The following databases were reviewed to determine if any Areas of Natural Significance are present on the Phase One Property or within the Phase One Study Area:

- I. An area reserved or set apart as a provincial park or conservation reserve under the *Provincial Parks and Conservation Reserves Act, 2006*.
- II. An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources as having provincial significance.
- III. A wetland identified by the Ministry of Natural Resources as having provincial significance
- IV. An area designated by a municipality in its official plan as environmentally significant, however expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant.
- V. An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the *Niagara Escarpment Planning and Development Act*.
- VI. An area identified by the Ministry of Natural Resources as significant habitat of a threatened or endangered species.
- VII. An area which is habitat of a species that is classified under section 7 of the *Endangered Species Act, 2007* as a threatened or endangered species.

VIII. Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the *Oak Ridges Moraine Conservation Act, 2001* applies.

IX. An area set apart as a wilderness area under the *Wilderness Areas Act*.

The Phase One Property is considered to include or in part to be within 30 metres of an area of natural significance. A creek is located to the east of the Property.

4.2.12 Areas of Natural and Scientific Interest

The Ontario Ministry of Natural Resources identifies Areas of Natural and Scientific Interest (ANSIs) throughout the province in addition to wetlands and woodland. The principle behind the recognition of ANSIs is that protecting the most significant features is crucial to maintaining biodiversity, and the conservation of natural heritage. There are two types of ANSIs – Life Science and Earth Science. The Phase One Property was not identified as being located in an ANSI area. According to Ministry of Natural Resource and Forestry, Natural heritage system and wooded areas are located to east and west of the Phase One Property within Study Area.

4.2.13 Town of Caledon Official Plans (2016)

DSCL reviewed the official plans for Town of Caledon. The Plans are public documents which have been established a policy framework for public and private sector decisions regarding immediate and long-term land use, transportation, servicing, infrastructure investment and economic matters within the municipality. The following is information regarding the reviewed plans:

- According to the Town of Caledon Official Plans, “Schedule S, The Greenbelt in Caledon” Greenbelt Plan Natural Heritage System areas are located to the east of the Property, west of Mount Hope Road and west of Hwy 50. An unnamed tributary of Humber is located to the east of the Property in Study Area.
- According to the Town of Caledon Official Plans, “Schedule C, Bolton Land Use”, the Property is located in Bolton Highway 50 Commercial Area surrounded by low residential, agricultural and open space policy areas.
- According to the Town of Caledon Official Plans, the Phase One Property is not located within Oak Ridges Moraine Conservation Plan Area.
- According to the Town of Caledon Official Plans, “Schedule O, Wellhead Protection Area”, the Property and Study Area are no located within a Wellhead Protection Area.

- According to the Town of Caledon Official Plans, “Schedule P-1 Oak Ridges Moraine Conservation Plan” the Phase One Property includes no Low or High Aquifer Vulnerability area. The nearest Aquifer Vulnerability area is located along Castlederg Side Road, located approximately 2 km, to the north of the Property.
- According to the Town of Caledon Official Plans, “Schedule III, Community Improvement Plan Areas”, the Property is located in the Community Improvement Plan Areas.

The reviewed and selected Plans are presented in Appendix D.

4.2.14 Toronto Region Conservation Authority

According to the Toronto Region Conservation Authority (TRCA) online mapping system, an unnamed tributary of Humber River is located to the east of the Property and is marked as a Flood Plan (Figure 9). The Phase One Property is located within the Humber River Watershed.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs and Historical Mapping

Aerial photographs obtained from National Air Photo Library, dating 1951, 1976 and 1995, Town of Caledon and Google Earth map, dating 2004 to 2016 and an Ontario Base Map (OBM) from 1982 were reviewed for information pertaining to the Phase One Property and Phase One Study Area. The information was reviewed to obtain a record of the development and use of the Phase One Property and properties within Study Area. The earliest aerial photograph reviewed was from 1951, which showed the Phase One Property and Phase One Study Area as undeveloped agricultural lands representing a condition before first developed use. Therefore, earlier aerial photographs were not reviewed. A summary of each aerial photograph are described in following Table:

Reference	Phase One Property	Phase One Study Area
1951 Air Photo Figure 4	Based on the scale of the aerial photo, detailed description of the Property was not possible, however, the aerial photograph depicts the Phase One Property and surrounding lands that appeared to be undeveloped and used for agricultural purposes.	The surrounding area appeared to be undeveloped and used for agricultural purposes. A roadway in the current location of Hwy 50 was shown to the west of the Property. Low rise structures were observed along Hwy 50.

Reference	Phase One Property	Phase One Study Area
1976 Air Photo Figure 5	A structure was observed to the southwest of the Property. Access to the structure was from Hwy 50. No major changes to the Property.	A structure was observed at the northwest corner of the Property, at the location of current Albion auto repair shop. Development within the Study Area had begun, including the construction of residential shape properties further south of the Property, north of King Street West. No major changes to the neighbouring properties.
1982 Ontario Base Map	The Property included a structure.	The Study Area appeared to be used for agricultural purposes with low rise.
1995 Air Photo Figure 6	No major changes to the Property.	According to 1995 aerial, additional developments were observed to further south of the Property, north of King Street and west of Hwy 50.
2004 Satellite image	A structure was also observed on the southwest portion of the Property. Access to the structure was via a gravel surfaced way from Columbia Way.	Structure similar to the current configuration was observed at the northwest of the Property, at the location of auto repair shop. The property occupied by Secondary school appeared to be disturbed and included some structures. Structures similar to the current configurations were observed to the south of the Property, south of Columbia Way at the locations of residential subdivision and recreation centre.
2009 Satellite image Figure 7	The area northwest of the Property, south of auto repair shop appeared to be disturbed. The former structure was not shown on the Photo.	Structures similar to the current configurations were observed at the location of St. Michael Catholic Secondary School.
2013 and 2014 Satellite images	The structure appeared to be removed from the Property. No major changes to the farm field.	No major changes.
2016 Satellite image Figure 8	No structures on the Property. Majority of the Property was used for agricultural purposes.	Adjoining properties appeared to be occupied by structures similar to the current configurations.

4.3.2 Topography, Hydrology, Geology

According the topographic map of 30 M/13 "Bolton Ontario", edition 6, which covers the subject Property, the ground surface in the vicinity of the Property is relatively flat and slopes in a southeasterly direction towards Humber River, located approximately 1.5 km to the southeast of the Property. An unnamed branch of the creek is located to the east. A tributary of Humber River is also located to the west of Hwy 50, west of the Property. The shallow groundwater flow on the Property is expected to be partially towards southwest and partially towards southeast.

According to the topographic map, the Property is located in an elevation of approximately 265 m above mean sea level and 195 m above sea level (Lake Ontario) located approximately 40 km to the south.

According to the geological map entitled “Quaternary Geology of Ontario-Southern Sheet” Map 2556, published by the Ministry of Northern Development and Mines, dated 1991, the overburden in the region of the Phase One Property consists of Halton Till from the Ontario-Erie lobe. This material is generally characterized as a silt to silty-clay till.

According to the bedrock geology map entitled “Bedrock Geology of Ontario-Southern Sheet” published by the Ministry of Northern Development and Mines, dated 1991, the bedrock in the area consists of Upper Ordovician, Queenston Formation. The Queenston Formation consists of shale, limestone, dolostone and siltstone. It should be noted that the subsurface soil, rock and ground water conditions described above represent generalized conditions only and should not be considered site-specific.

4.3.3 Fill Materials

During the site visit two stockpiles fill materials were noted on the western portion of the school, on the Property. Fill materials of unknown quality could have been used historically for grading or agricultural purposes and at the location of former residential dwelling at the Property.

4.3.4 Water Bodies and Areas of Natural Significance

An unnamed creek, a tributary of Humber River is located to the east of the Property.

Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses Environmentally Significant Areas as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

The Property includes an open field. According to the Town of Caledon, official plans, “Schedule S, The Greenbelt in Caledon” Greenbelt Plan Natural Heritage System areas are located to the east of the Property, west of Mount Hope Road and west of Hwy 50.

4.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. Eight (8) water wells were identified in the Water Well System for the Phase One Property.

Information for the EcoLog ERIS report is provided in the Appendix C.

4.4 Site Operating Records

The Property includes no structure and has mainly been used for agricultural purposes. No operating records were available.

5.0 INTERVIEWS

5.1 Personnel Interviewed

The followings persons were interviewed or provided the required information.

Name	Affiliation	Position
Mr. Bali Grewal	Engtec Consulting Inc.	Manager QVE Services
Mr. Farid Khan	Engtec Consulting Inc.	Associate
Mr. Anthony Maida	Georgian Group-former owner	President & CEO

5.2 Results of Interview

The following summarizes the information that was provided in response to the questionnaire, based on their knowledge of site activities.

- The Phase One Property has been owned by Wyndcliffe Developments Inc. since 1985
- According Mr. Maida the Phase One Property has been used for agricultural purposes (crop field, corn)
- Clean fill/top soil was deposited on the Property from time to time in the last 10 years or more
- The Property included a small frame bungalow to the south of the repair shop. It was demolished about 20 years ago
- South of residential house the property included two trailers used as office for selling new homes about 12 years ago (The Ravin of Taylor Woods). When the houses were sold, Georgian Group removed the trailers. Some of the gravel was left on site
- The Property included no previous environmental assessments or studies been completed for the property with respect to soil, ground water
- No soil or ground water remediation been completed at the property
- Mr. Maida was not aware of any public agency (e.g., the Ministry of the Environment, local municipality, etc.) ever investigated or cited the property for violation or possible violation of any environmental law, or commenced enforcement or clean up action under environmental law with respect to the property

- According to Mr. Maida, a local farmer had farmed the property for the last 20 years, and was advised that he has not used any pesticides at the Property
- The Property was used for farming of corn for livestock
- A creek is located on the Property
- The Property includes no underground or aboveground storage tank

The evaluation of information regarding the interviews is summarized below:

Interview Conducted By	Dr. Shafi Andseta, Ph.D., P.Geo., QP
Interviewed	The above individuals and Mr. Maida of Georgian Group
Date/location	Above individuals during the preparation of the report (February 2018) via calls and emails and Mr. Maida, the former owner representative on February 21, 2018 via email
Reason for Selection	Knowledgeable or familiar with Property history since 1974
Assessment of information	The information appeared to be sufficient

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Date of Investigation:	February 7, 2018
Time of Investigation:	10:00: am – 11:30 am
Weather Conditions:	Cloud mix - 10 C
Duration of Investigation:	~1.30 hours
Was the facility operating?	No
Name and Qualification of Person(s) conducting the assessment	Ms. Elena Pazinich, M.Sc. under supervision of Dr. Shafi Andseta, Ph.D., P.Geo., QP
Limitations	No

6.2 Specific Observations at Phase One Property

A visual site inspection was conducted and written, and photographic records were made. The layout of the Property at the time of the site visit is presented in the Site Plan, Figure 2. Photographs of the Property and accompanying descriptions are presented in Appendix D.

6.2.1 General Description

A visual site inspection was conducted with written and photographic records being made. The site visit was conducted by Ms. Pazinich. During the site visit, the Property was partially covered by snow. The site visit included an observation of the and Study Area from public access roads. The layout of the Property at the time of the site visit is presented in Figure 2. Photographs of the Property and accompanying descriptions are presented in Appendix E.

6.2.2 Building Description

The Property included no structures during the site visit.

6.2.3 Exterior Site Conditions

The main access to the Property is from both streets via graveled surface roadways located to the northwest and southwest of the Property.

The Property is an open field that have been used for residential and agricultural purposes. During the site visit, the ground was covered with snow.

6.2.4 Below Ground Structures

The Property includes no below ground structure.

6.2.5 Above-Ground Storage Tanks

During the site visit, no above ground storage tank was observed on the Property.

6.2.6 Underground Storage Tanks

During the site visit, a vent or fill pipe (evidence of historical storage tank) was not observed on the Property.

6.2.7 Other Storage Containers

No storage containers were observed during the site investigation.

6.2.8 Water Sources

The Phase One Property is located within a mixed agricultural, residential, instructional, recreational and commercial area of the Town of Caledon. Upon development, municipal services will be available for the Property. According to the ERIS report, the Property included a water supply well with ID# 4905679 installed in 1978 (Appendix C).

6.2.9 Sewage Works

The Property is currently undeveloped. No information for sewage work at the Property was available. Municipal storm and sanitary sewers run along Hwy 50. The newly developed residential, institutional properties located in the Study Area are connected to Town's sanitary and storm sewer systems.

6.2.10 Underground Utility and Services

The inspection of the Property indicated the following information related to utility services:

- Overhead hydro was observed along Columbia Way and Hwy 50. Overhead hydro was not observed at the Property. Underground hydro is interpreted in the surrounding area.
- Phone and cable services are available for the Study Area.
- Catch basins were observed south of Columbia Way. This indicates the presence of a municipal storm drain.

- A fire hydrant was observed southeast corner of Hwy 50 and Columbia Was and within developed residential subdivisions. This is an indication that the municipal water is available for the Property upon development.

6.2.11 Building Exit and Entry Points

The Property currently includes no building. The access to the former residential house was from Hwy 50, west of the Property.

6.2.12 Heating and Cooling Systems

The Property includes no heating and cooling systems.

6.2.13 Drains, Pits and Sumps

The Property includes no floor drain/trenches or pit and sump.

6.2.14 Hydraulic Equipment

During the site visit, no hydraulic equipment was observed at the Property.

6.2.15 Unidentified Substances

No unidentified substances were noted on the Property.

6.2.16 Staining and Corrosion

During the site visit, the ground surface was partially covered by snow. No staining or corrosion were noted at the locations that had thin snow covered.

6.2.17 Wells

Information for 1978 well is provided in ERIS report. During the site visit, no water supply wells were observed on the Property.

6.2.18 Ground Surface

The ground surface at the Property is undulating and covered by long grass, bushes and trees and open field.

6.2.19 Railways

During the site inspection no railway lines were observed on the Property.

6.2.20 Stained and Odorous Soils

During the site visit, the ground surface partially was covered by snow. No stained or odorous soil was noted on the observed locations.

6.2.21 Stressed Vegetation

During the site visit, the ground surface partially was covered by snow. There were no areas of significant stressed vegetation on the Property at the time of the site inspection.

6.2.22 Fill Materials

During the site visit, no stockpiled fill materials were observed at the Property. However, it is possible that historical fill materials were used during farming and at the location of former structure on the Property.

6.2.23 Watercourses, Ditches or Standing Water

During the site visit, a frozen creek was observed on eastern portion of the Property. A ditch was noted along eastern Property boundary, parallel to Hwy 50 and Columbia Street.

6.2.24 Air Emissions

The Property includes no source of air emission.

6.2.25 Roads, Parking Facilities, and Rights-of-Way

The Property is bounded to the west by Highway No. 50 and to the south by Columbia Way and St. Michael Catholic School. No information regarding a Right-of Way at the subject Property was available.

6.2.26 Asbestos Containing Materials (ACM)

Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. The Property includes no structures.

6.2.27 Polychlorinated Biphenyls (PCBs)

Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. The Property includes no PCB-containing electrical equipment.

6.2.28 Occupational Health and Safety Act - Designated Substances

A brief review of the site was conducted to assess the potential for designated substances identified in the Occupational Health and Safety Act, Article 18(a). Asbestos and PCB containing materials were addressed in Section 4.b. and Section 6.b., respectively. The following comments related to the potential for the presence of other designated substances on the property are offered:

- acrylonitrile
- arsenic
- benzene
- coke oven emissions
- ethylene oxide
- isocyanates
- lead
- mercury
- silica
- vinyl chloride
- UFFI

The Property currently includes no structure and no designated substances and hazardous materials.

6.2.29 Waste Management

Garbage and recycling in the vicinity of the Property (residential properties), are collected by the Town of Caledon. Garbage and recycling for commercial and institutional properties in the Study Area are anticipated to be collected individually.

6.2.30 Sodium Adsorption Ratio (SAR) and Electrical Conductivity (EC)

The Property includes no parking lot to be subject to de-icing activities. Electrical conductivity (EC) and sodium adsorption ratio (SAR) impacts may exist in the subsurface soils in the vicinity of the roadway (western and southern property boundary). However, a ditch is located along the property boundary and the Property is located in an approximately higher elevation from streets and the possibility to be impacted from runoff is anticipated to be low.

6.2.31 Potentially Contaminating Activities

The Property has been used for residential and agricultural purposes and ground surface on the Property is undulating. The potentially contaminating activities (PCAs) includes, historical heating system of the dwelling by possible heating oil (furnace oil), possible use of pesticides for agricultural purposes and present of fill materials at the Property and at the location of former dwelling, for grading purposes.

Albion Auto Sales and Service (garage) is located in the northwest corner of the Property. PCA is also includes possible oil spills during auto repair activities.

Potential environmental impacts from historical activities of the Property and the adjoining garage are not known.

In addition, according to the Ecolog Eris Report, the adjoining western property (Bolton Public Yard, located at 14220 Hwy 50) has been registered with the MOECC as a source for storage of variety liquid industrial wastes.

According to the ERIS searches, a property located at Lot 13, Concession 7, southwest of the Property occupied by Suny's Gas Bar on Hwy 50, at Queen Suny's Gas in Zaires Parking Lot Service Station had 100 L of gasoline spill to ground and storm in 1990.

These properties were located in a downgradient location from Phase One Property ground based on inferred water flow direction towards the southeast and southwest. Potential environmental impacts from these properties on the Phase One Property are anticipated to be low.

6.2.32 Enhanced Investigation Property

For a Phase One Property to be classified as an enhanced investigation property, the property must be used or have been used in whole or in part for any of the following uses:

- ❖ any industrial use,
- ❖ as a garage,
- ❖ as a bulk liquid dispensing facility, including a gasoline outlet, or
- ❖ for the operation of dry cleaning equipment

The Phase One Property has been used for residential and agricultural purposes and is not considered as Enhanced Investigation Property and it is currently undeveloped and devoid of any structures.

6.3 Investigation of Phase One Study Area

The following land uses were noted in the adjoining and neighboring properties.

Direction	Addresses
North	Agricultural properties 14289 Highway 50, Bolton, an auto repair shop occupied by Albion Auto Sales & Services located to the northwest corner of the Property 15345 Highway 50, Bolton, Nursery Garden
East	Creek Agricultural properties Mount Hope Road
South	Columbia Way 9130 Columbia Way, Bolton, St. Michael Catholic Secondary School (north of Columbia Way) Residential subdivision (south of Columbia Way) 14111 Hwy 50, Bolton Center for Recreation and Wellness
West	Hwy 50 Agricultural properties 14124 Hwy 50, Bolton, Motor Home Travel Canada

The Phase One Property is located in a mixed agricultural, residential, institutional, recreational and commercial area of Town of Caledon. Potential contaminating activities from these properties on the Phase One Property are anticipated to be low based on the nature of site activity. However, potential environmental impacts from presence of the auto repair shop on the northwest of the Property are unknown.

6.4 Written Description of Investigation

The site reconnaissance was conducted on February 7, 2018 and included a walk-around the Phase One Property to confirm current conditions and identify any current land uses or activities, which may have or may cause environmental impacts. The adjoining and neighbouring properties were observed from the Phase One Property and publicly accessible areas. During the site visit the potentially contaminating activities included the presence of an auto repair shop located to the northwest of the Property.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Current and past uses of the Phase One Property have been determined primarily based on the information provided in the air photographs, topographic plan, chain of title, and conversations with the previous Property owner. Summary of Current and Past Uses of the Phase One Property is presented in the following Table.

Table of Current and Past Uses of The Phase One Property (Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Date	Ownership	Description of Property Use	Property Use	Other Observation from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to March 1831	Crown Land	Undeveloped	Agricultural and other uses	No Records
March 1831 to June 1836 (Lot 12, concession 7)	John Scott	Undeveloped	Agricultural and other uses	No Records
March 1839 (Lot 11, concession 7)	Canada Compony	Undeveloped	Agricultural and other uses	No Records
July 1839 to June 1836	John Long	Undeveloped	Agricultural and other uses	No Records
June 1836 to September 1841	John Boyle	Undeveloped	Agricultural and other uses	No Records
September 1841 to June 1856	Joseph Taylor	Undeveloped	Agricultural and other uses	No Records
June 1856 to November 1873	James Rutherford	Undeveloped	Agricultural and other uses	No Records
November 1873 to January 1883	Henry Rutherford	Undeveloped	Agricultural and other uses	No Records
January 1883 to April 1910	Andrew Henderson	Undeveloped	Agricultural and other uses	No Records
April 1910 to April 1921	Henry Harpper and James Harpper	Undeveloped	Agricultural and other uses	No Records
April 1921 to	Andrew & Leonard	Undeveloped	Agricultural and	No Records

Date	Ownership	Description of Property Use	Property Use	Other Observation from Aerial Photographs, Fire Insurance Plans, Etc.
February 1933	Henderson		other uses	
February 1933 to June 1939	Andrew Henderson	Undeveloped	Agricultural and other uses	No Records
June 1939 to November 1968	Brightvale Construction Limited	Undeveloped	Agricultural and other uses	Undeveloped agricultural fields in 1951 aerial photograph
November 1968 to December 1968	Lincoln Henderson	Undeveloped	Agricultural and other uses	Undeveloped agricultural fields

7.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, the potentially contaminating activities (PCAs) are activities that may contributing to areas of potential environmental concern (APECs) on the Phase One Property. The following is the PCAs related to the Property.

Within Phase One Property

1. **PCA#30. Importation of Fill Material of Unknown Quality** - The records review of the Property revealed that the majority of Property has been used for agricultural purposes and includes an un even surface. The Property included structures to the northwest and southwest corner of the Property. Fill materials could have been imported to the Property for grading purposes or present at the location of former structures.
2. **PCA# 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications** -The records review of the Property revealed that the majority of Property has been used for agricultural purposes (crop farming). OC pesticides might have been used on the Property for farming purposes.
3. **PCA# 28. Gasoline and associated products storage in fixed tanks**, historical use of furnace oil for heating purposes of former residential house.

Within Study Area

4. **PCA# 10. Commercial autobody shop- an auto repair shop "garage"**, located adjacent to the northwest of the property in phase one study area.

According to the ERIS report an spill was occurred to the property located to the southwest of the Property. This property is located in a downgradient location from the Phase One Property based on inferred ground water flow direction to the southwest and southeast.

The property located to the west of Hwy 50, used by Public Work, has been registered with the MOECC since 1993 for variety of industrial/commercial liquid waste. This property is also located in a downgradient ground water direction. Potential environmental impacts from these properties on the Phase One Property is anticipated to be low. A copy of amended list of PCAs is presented in Appendix F.

7.3 Areas of Potential Environmental Concern

The following Table summarizes the area of potential environmental concerns (APECs) identified in the Phase One Property based on the PCAs. The potential contamination of concern were determined based on materials that are likely to be present as a result of the PCAs.

Area of Potential Environmental Concern	Potential Contaminating Activity	Location	Contaminants of Potential Concern	Media Potentially Impacted	Recommended Activities for Phase Two ESA
Phase One Property					
APEC-1	Historical use of the Property for agricultural purposes	Entire Property	OC pesticides	Soil and ground water	Boreholes
APEC-2	Present of fill materials at the Property	Western portion of the Property	Metals & Inorganics	Soil	Boreholes
APEC-3	Historical heating system of former residential house	Western portion of the Property	PHCs	Soil and ground water	Boreholes
Phase One Study Area					
APEC-4	Present of Auto repair shop to the northwest of the Property	Western portion of the Property	PHC (F1-F4), VOCs, PAHs, metals and inorganics,	Soil and ground water	Boreholes

Source: (Refer to clause 16(2)a, Table 2, Schedule D, O. Reg. 153/04)

7.4 Phase One Conceptual Site Model

The Phase One Property is an irregular shaped parcel of land that covers an area of approximately 12.3 ha (30.4 acres) with a frontage of approximately 223 m along Hwy 50. The Property is currently undeveloped and has historically been used for residential and agricultural purposes.

Based on information obtained through the records review the Property was developed for residential purposes in 1970s and mainly been used for agricultural purposes. According to the aerial photograph dated 1976, the Property included a residential type building located to the northwest of the Property with an access road from Highway 50. The residential house was demolished in the late 1990s or early 2000s.

Based on information obtained through the records review and chain of title search, the Phase One Property was owned by Crown prior to 1831 and by private individuals from 1810 to 1968. The Property was owned by Brightvale Construction Limited in 1968, by Sorrento Developments Limited in 1971 and by the great Georgian Realty Group in 1974. Wyndcliffe Developments Inc. has owned the Property since 1985.

The Property has an uneven surface that is mainly an open field that covered by long grass, bushes and some trees.

The topography at the Property is undulating with a relatively slopes down towards the southeast. Unnamed tributaries of Humber River are located to the east portion of the Property and to the west of Hwy 50.

Based upon a review of the conditions outlined in Part 1X Sections 41 and 43.1 of Ontario Regulation 153/04 the Property is considered to be a Sensitive Site since it is within 30 m of water body, includes a creek located to the east. The applicable site condition standards for the Property is Table 8 within 30 m of water body in a potable ground water condition.

According to the Ecolog ERIS historical records search, the Property was listed in water well information system databases. A water supply well was installed in 1978 to a maximum depth of approximately 45 m (148 ft). No other information was available for the Property.

The Property is surrounded by institutional, residential/open space, and commercial (garage, public works, garden centre) properties. Potential environmental impacts from these properties on the Phase One Property are anticipated to be low with exception of auto repair shop (garage), that is located in an upgradient location from Phase One Property based on inferred ground water flow direction to the southeast.

Based on the results of the Phase One ESA, including the records review, site visit, information provided by the client and pending receipt, the significant potential or actual sources of contamination were identified to be associated with the Property are as follows:

- Historical use of the Property for agricultural purposes (possible use of pesticide for farming)
- Historical use of the Property for residential purpose and possible heating system of the building by fuel oil. The residential dwelling was demolished in the late 1990s or the early 2000s.
- Presence of fill material at the Property and use of possible fill materials at the location previous structure present on the Property.
- Storage and handling of petroleum-based waste at the adjoining north-western property (auto repair shop).

Based on the above noted potential contaminating activities, DSCL recommends a Phase One ESA to confirm the quality of soil and ground water at the Property for potential contaminants of concern associated with the current and historical use of the Property.

Phase One Property information obtained through historical records and databases reviewed as part of this investigation are subject to the nature and accuracy of the records provided to DSCL. As a result of changes or additional details within these records or databases the conclusions of this Phase One ESA may be affected.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

Underground utilities are not present on the Phase One Property. Subsurface utility trenching will not influence the direction and extent of contamination if determined to exist as a result of areas of potentially contaminating activities.

Freedom of Information records request has been forwarded to the Ministry of Environment and also TSSA has been requested for any information for underground or aboveground storage tank within the Property and Study Area. The client will be made aware of any records identified by the file search requests, when a response is received.

It should be noted that general environmental management and housekeeping practices were reviewed as part of this assessment with respect to their impact on the environmental condition of the Property; however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

The QP has determined that the uncertainty dose not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report. The Phase One Conceptual Site Model has been presented in Figure 3A and 3B.

8.0 CONCLUSIONS

8.1 Phase Two Environmental Site Assessment Requirement

Based on the findings of the Phase One ESA, the Property has been used for residential and agricultural purposes and is adjacent to an auto repair shop. A Phase Two ESA is required to evaluate PCAs identified in the four APECs. The Phase Two ESA should consist of boreholes to collect soil samples and installation of monitoring wells (according to the Ontario Regulation 903) to facilitate the collection of ground water samples in the areas of Potentially Contaminating Activities.

8.2 RSC Based on Phase One Environmental Site Assessment

The Phase One has been requested for due diligence purposes. No RSC is required for the Property. A Record of Site Condition cannot be filed on the basis of the Phase One ESA due to presence of potentially contaminating activities identified on the Phase One ESA findings.

8.3 Signature

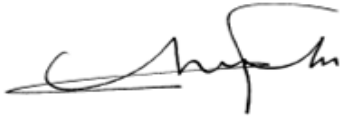
The Phase One Environmental Site Assessment has been completed under the direction and supervision of Shafi Andseta, Ph.D., P.Geo., QP_{ESA-RA}. The findings and conclusions presented in this report have been determined on the basis of the information that was obtained and reviewed, and on an assessment of the existing conditions on the Phase One Property and properties within the Phase One Study Area.

This report was prepared for the sole use of Engtec Consulting Inc. and is intended to provide an assessment of the environmental condition on the property located at 14245 Highway No. 50, Caledon, Ontario, with the legal description Part of the West Halves of Lots 11 and 12, Concession 7, Town of Caledon, Regional Municipality of Peel. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by DS Consultants Ltd. The material in this report reflects DS Consultants' judgment in light of the information available at the time of report preparation. This report may not be relied upon by any other person or entity without the written authorization of DS Consultants Ltd. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this documents or findings, conclusions and recommendations represented herein, is at the sole risk of said users.

The information and conclusions presented in this report are professional opinions in accordance with generally accepted engineering and scientific practices based on a cursory historical search, visual observations and limited information provided by persons knowledgeable about past and current activities on this site. The work completed as per the scope of work is considered sufficient in detail to form a reasonable basis for the findings presented in this report. As such, DS Consultants Ltd. cannot be held responsible for environmental conditions at the site that was not apparent from the available information.

Should you have any questions regarding the information presented or limitation set in this report, please do not hesitate to contact the undersigned.

DS Consultants Ltd.



Shafi Andseta, Ph.D., P.Geo., QP_{RA}
Senior Project Manager



Martin Gedeon, M.Sc., P.Geo.
Vice President, Environmental Services

9.0 REFERENCES

- Canadian Standards Association (CSA) Document Z768-01 Phase 1 Environmental Site Assessment, Nov. 2001
- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toporama for Google Earth (2011)
<http://glib.com/natural-resources-canada-toporama.htm>
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network<https://www.hwin.ca/hwin/>
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry
<https://www.ontario.ca/page/ministry-environment-and-climate-change>
- MOECC Freedom of Information Office
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plant Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- Waste Disposal Site Inventory, 1991
- Ministry of Ontario and Climate Change-Freedom of Information
- Technical Standards and Safety Authority – Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps (aerial photos and a 1982 Ontario Base Map)
- City Directories (Durham Region and Criss-Cross) from 2001 back to 1960
- Toronto Region Conservation Authority online mapping
- Town of Caledon online-services
- Town of Caledon Official Plans 2016
- Regional Municipality of Peel Official Plan
- Environmental Risk Information Services (Ecolog ERIS Report)

10.0 QUALIFICATIONS OF THE ASSESSOR

Martin Gedeon, M.Sc., P.Geo., QP_{ESA} Mr. Gedeon is Vice President of DSCL's office located in Vaughan, Ontario. Martin is a Professional Geoscientist (P.Geo.) with over 22 years of experience as a hydrogeological consultant in the areas of hydrogeological investigations and soil monitoring, dewatering assessments, environmental site assessments, groundwater control systems, and remediation. Martin is a Qualified Person (QP_{ESA}) with the Ministry of the Environment as defined under O.Reg. 153/04. Martin has significant experience in physical and contaminant hydrogeology across the GTA.

Shafi Andseta, Ph.D., P.Geo., QP_{ESA-RA}

Dr. Andseta is Senior Project Manager in the Environmental Services Department of DS Consultants Inc.'s Head Office located in Vaughan, Ontario. Dr. Andseta has over 20 years of experience in the academic, private and government sectors. Her areas of expertise include environmental site assessments, geology, geomorphology and hydrogeology. She also specializes in remediation and designated substances and hazardous material and asbestos management projects. Dr. Andseta has managed numerous environmental projects within Ontario and, in addition, has coordinated Environmental Projects of the Post-Graduate Diploma students at Sheridan College, Brampton, Ontario. Dr. Andseta is a Qualified Person under O.Reg. 153/04 for submitting Records of Site Condition and submitting of Risk Assessment.

FIGURES



LEGEND



Approximate Site Boundaries

Title:

SITE LOCATION PLAN

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

23/02/18

Figure No.:

1



LEGEND



Approximate Site Boundaries



Approximate Study Area Boundary

Title:

PHASE ONE STUDY AREA

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

23/02/18

Figure No.:

2



LEGEND



Approximate Site Boundaries

Approximate Study Area Boundary

PCA 1 #40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA 2 #30: Importation of Fill Material of Unknown Quality

PCA 3 #28: Gasoline and Associated Products Storage in Fixed Tanks

PCA 4 #10: Commercial Autobody Shop

Title:

PHASE ONE ESA CONCEPTUAL SITE MODEL

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

**PHASE ONE ESA
14245 Highway # 50, Caledon, ON**

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

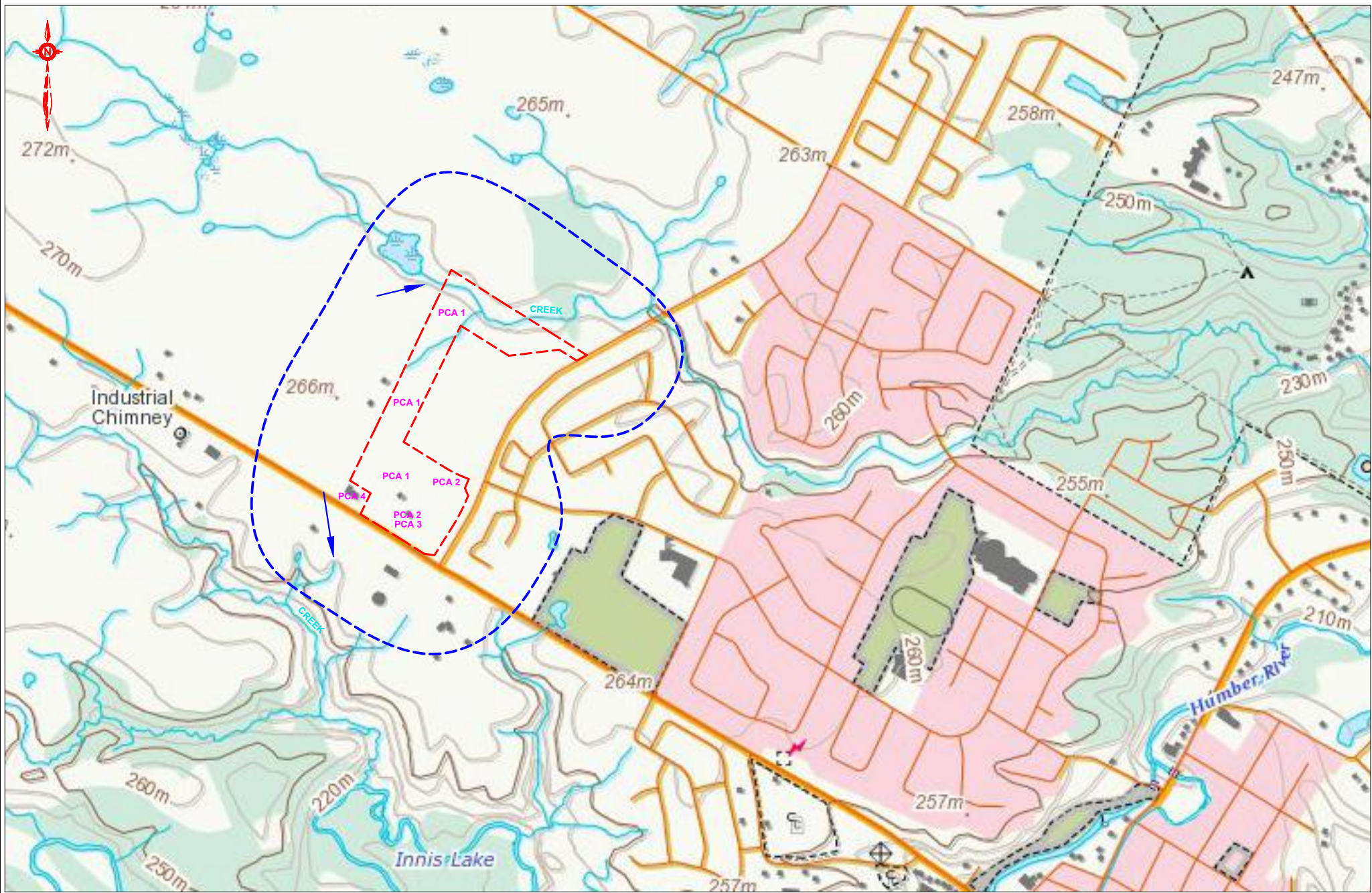
526-20

Date:

26/02/18

Figure No.:

3A



LEGEND

- Approximate Site Boundaries
- Approximate Study Area Boundary
- Groundwater Flow Direction

PCA 1 #40: Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA 2 #30: Importation of Fill Material of Unknown Quality

PCA 3 #28: Gasoline and Associated Products Storage in Fixed Tanks

PCA 4 #10: Commercial Autobody Shop

Title: **PHASE ONE ESA CONCEPTUAL SITE MODEL**

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project: **PHASE ONE ESA**
14245 Highway # 50, Caledon, ON

Client: Engtec Consulting Inc.

Drawn: EP Scale: NTS

Check: SA Project No.: 526-20

Date: 26/02/18 Figure No.: 3B



LEGEND

Title:

AERIAL PHOTO 1951

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

23/02/18

Figure No.:

4



LEGEND

Title:

AERIAL PHOTO 1976

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

23/02/18

Figure No.:

5



LEGEND

Title:

AERIAL PHOTO 1995

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

26/02/18

Figure No.:

6



LEGEND



Approximate Site Boundaries

Title:

AERIAL PHOTO 2016

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

23/02/18

Figure No.:

8



LEGEND



Approximate Site Boundaries

Title:

TRCA FLOOD PLAN

DS CONSULTANTS LTD.

Geotechnical - Environmental - Materials - Hydrogeology

Project:

PHASE ONE ESA
14245 Highway # 50, Caledon, ON

Client:

Engtec Consulting Inc.

Drawn:

EP

Scale:

NTS

Check:

SA

Project No.:

526-20

Date:

26/02/18

Figure No.:

9

APPENDIX A

Survey Plan

BOUNDARY SURVEY OF
PART OF THE WEST HALVES
OF LOTS 11 AND 12
CONCESSION 7
(ORIGINAL GEOGRAPHIC TOWNSHIP OF ALBION, COUNTY OF PEEL)
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL

SCALE 1:1000
0 20 40 60 80 100 m
KRCMAR SURVEYORS LTD.

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

BEARING
BEARINGS HEREON ARE GRID AND ARE REFERRED TO THE NAD 83
UTM COORDINATE SYSTEM, ZONE 17, CENTRAL MERIDIAN 81° WEST
LONGITUDE AND ARE REFERRED TO THE SOUTHERLY LIMIT OF PART
2 AS SHOWN ON PLAN 43R-32199 HAVING A BEARING N74°05'05"E

- LEGEND**
- DENOTES SURVEY MONUMENT FOUND
 - DENOTES SURVEY MONUMENT PLANTED
 - SIB DENOTES STANDARD IRON BAR
 - SSIB DENOTES SHORT STANDARD IRON BAR
 - IB DENOTES IRON BAR
 - WIT DENOTES WITNESS
 - (M) DENOTES MEASURED
 - (S) DENOTES SET
 - P1 DENOTES PLAN 43R-18739
 - P2 DENOTES PLAN 43R-32199
 - P3 DENOTES PLAN 43R-12967
 - P4 DENOTES PLAN 43R-31245
 - P5 DENOTES PLAN 43R-27826
 - P6 DENOTES PLAN 43R-6846
 - (1280) DENOTES ANTON KIKAS LTD. O.L.S.
 - (1370) DENOTES VLADIMIR KRCMAR O.L.S.
 - (1493) DENOTES J.F.G. YOUNG O.L.S.
 - (1508) DENOTES S.D. McKECHNIE O.L.S.
 - (MTO) DENOTES MINISTRY OF TRANSPORTATION ONTARIO
 - (OU) DENOTES ORIGIN UNKNOWN
 - X- DENOTES FENCE
 - P.T. DENOTES POINT OF TANGENCY
 - N.T. DENOTES NON TANGENTIAL

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE
WITH THE SURVEYS ACT, THE LAND
TITLES ACT AND THE REGULATIONS MADE UNDER THEM
2. THE SURVEY WAS COMPLETED ON THE 17th DAY OF APRIL 2009
DATE: APRIL 17, 2009
MAJA KRCMAR O.L.S.

FIELD:	M.M.	DRAWN:	M.M.	CHECKED:	M.K.	JOB NO:	09-036
DWG NAME:	09-03680.dwg	PILOT INFO:	15-04-2009(15-20)	WORK ORDER NO:	9937		
1137 Centre Street Thornhill ON L4J 3M6 : 905.738.0053 : F 905.738.9221 : www.krcmar.ca							

KRCMAR

PART 1, PLAN 43R-27826
PIN 14331-0294 (LT)

PIN 14331-0025 (LT)

PIN 14331-0302 (LT)
Area = 12.4349 ha

PART 1, PLAN 43R-18739

PART 1, EXP. PLAN PR1588476

PART 1, PLAN 43R-18739

PART 3, EXP. PLAN PR1588476
(SUBJECT TO EASEMENT AS IN PR1588476)

WEST HALF OF LOT 11, CONCESSION 7

WEST HALF OF LOT 11, CONCESSION 7

(ALSO KNOWN AS 10th SIDEROAD)
COLUMBIA WAY
(BY BY-LAW No 91-03, INSTRUMENT No 961002)
(DEDICATED BY-LAW No 91-02, INSTRUMENT No 961001)
PART 12, PLAN 43R-12967
PIN 14331-0136 (LT)

COLUMBIA WAY
(ALSO KNOWN AS 10th SIDEROAD)
PART 21, PLAN 43R-12967
PIN 14331-0136 (LT)

ROAD ALLOWANCE BETWEEN CONCESSIONS 6 AND 7
THE KING'S HIGHWAY No 50
DESIGNATED AS KING'S HIGHWAY BY ORDER IN COUNCIL OC-504/69 PLAN 99737VS (P-2093-81)
PART 1, PLAN P-2093-1344
PIN 14331-0137 (LT)

ASSOCIATION OF ONTARIO
LAND SURVEYORS
PLAN SUBMISSION FORM
1730624
THIS PLAN IS NOT VALID
UNLESS IT IS AN EMBOSSED
ORIGINAL COPY
ISSUED BY THE SURVEYOR
In accordance with
Regulation 102, Section 29(3).

APPENDIX B

Title Search

CHAIN OF TITLE REPORT

Project #: DS-526-20
 Address: 14245 Highway #50, Bolton
 Legal: Part lots 11 & 12 Con 7 (Albion)
 Description: desig. As Part 1, 43R18739

Searched at: Brampton
 LRO #: 43

Page 1

PIN #: 14331-0302(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (lot 12, Con 7)	10 03 1831	Crown	John SCOTT
	Patent (lot 11, Con 7)	07 07 1839	Crown	Canada Company
12941	Deed	06 06 1836	John Scott	John LONG
18782	Deed	17 09 1841	Canada Company	John BOYLE
2910	Deed	11 06 1856	John Boyle	Joseph TAYLOR
1116	Deed	15 11 1873	John Long	James RUTHERFORD
3028	Deed	06 01 1883	James Rutherford	Henry RUTHERFORD
9560	Deed	02 04 1910	Joseph Taylor	Andrew HENDERSON
12209	Deed	13 04 1921	Henry Rutherford	Henry HARPER & James HARPER

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: DS-526-20
 Address: 14245 Highway #50, Bolton
 Legal: Part lots 11 & 12 Con 7 (Albion)
 Description: desig. As Part 1, 43R18739

Searched at: Brampton
 LRO #: 43

Page 2

PIN #: 14331-0302(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
13556	Deed (lot 11, Con 7)	23 02 1933	Andrew Henderson	Andrew HENDERSON & Leonard HENDERSON
14141	Deed	10 06 1939	Andrew & Leonard Henderson	Andrew HENDERSON
89032VS	Deed (lot 12, Con 7)	01 11 1968	Henry & James Harper	Brightvale Construction Limited
92070VS	Deed	02 12 1968	Brightvale Construction Limited	Lincoln HENDERSON
189455VS	Deed	02 11 1971	Andrew Henderson	Sorrento Developments Limited
189456VS	Deed	02 11 1971	Lincoln Henderson	Dom Investments Limited, as trustee for Sorrento Developments Limited
325871VS	Deed	13 08 1974	Sorrento Developments Limited	The Great Georgian Realty Group
733685	Deed (Present Owner)	03 11 1985	The Great Georgian Realty Group	Wyndcliffe Developments Inc.

LAND
REGISTRY
OFFICE #43

14331-0302 (LT)

PAGE 1 OF 4
PREPARED FOR Bertucci
ON 2018/02/06 AT 09:34:59

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

PROPERTY DESCRIPTION: PT LTS 11 & 12, CONC 7 (ALB) DES PT 1, 43R18739 S&E PTS 1 & 2, EXPROP.PL PR1588476 ; S/T EASE OVER PT 3, EXPROP.PL. PR1588476 AS IN PR1588476 ; CALEDON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
ABSOLUTE

RECENTLY:
DIVISION FROM 14331-0027

PIN CREATION DATE:
2008/12/30

OWNERS' NAMES

WYNDCLIFFE DEVELOPMENTS INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2008/12/30 **						
FAD00447	1991/09/09	APL FIRST REGN			WYNDCLIFFE DEVELOPMENTS INC.	C
		CORRECTIONS: 'PARTY' CHANGED FROM 'WYNDCLIFFE DEVELOPMENTS INC' TO 'WYNDCLIFFE DEVELOPMENTS INC.' ON 2006/06/12 BY JANE MODDISON.				
43R18739	1991/09/09	PLAN REFERENCE				C
PR1115661	2006/08/10	CHARGE	\$3,000,000	WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	C
PR1115662	2006/08/10	NO ASSGN RENT GEN		WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	C
		REMARKS: PR1115661-RENTS				
43R31245	2007/01/04	PLAN REFERENCE				C
43R32199	2008/05/05	PLAN REFERENCE				C
PR1588476	2008/12/30	PLAN EXPROPRIATION			DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	C
		REMARKS: LANDS AS TO PTS 1 & 2 & EASEMENT AS TO PT 3				
PR1618708	2009/03/26	CHARGE		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	GLENASHTON VENTURES LIMITED	
PR1712050	2009/09/29	CHARGE		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	FOREST BROOKE INVESTMENTS LIMITED	
PR1908020	2010/10/20	NOTICE	\$2	WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	C
		REMARKS: PR1115661				
PR1908097	2010/10/20	POSTPONEMENT		*** COMPLETELY DELETED *** GLENASHTON VENTURES LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
		REMARKS: PR1618708 TO PR1908020				
PR1908098	2010/10/20	POSTPONEMENT		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: PR1712050 TO PR1908098						
PR1952176	2011/01/21	CHARGE		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	EQUIFINANCE INVESTMENT CORPORATION	
PR1952403	2011/01/21	POSTPONEMENT		*** COMPLETELY DELETED *** GLENASHTON VENTURES LIMITED	EQUIFINANCE INVESTMENT CORPORATION	
REMARKS: PR1618708 TO PR1952176						
PR1952404	2011/01/21	POSTPONEMENT		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	EQUIFINANCE INVESTMENT CORPORATION	
REMARKS: PR1712050 TO PR1952176						
PR1970082	2011/03/03	CHARGE		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
PR1970083	2011/03/03	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1970082						
PR2073541	2011/09/14	POSTPONEMENT		*** COMPLETELY DELETED *** GLENASHTON VENTURES LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1618708 TO PR1970082						
PR2073542	2011/09/14	POSTPONEMENT		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1712050 TO PR1970082						
PR2234845	2012/07/24	NOTICE	\$2	WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	C
REMARKS: PR1115661						
PR2234911	2012/07/24	POSTPONEMENT		*** COMPLETELY DELETED *** EQUIFINANCE INVESTMENT CORPORATION	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1952176 TO PR2234845 DELETED BY CHERYL YOUNG ON 2014/07/31						
PR2234912	2012/07/24	POSTPONEMENT		*** COMPLETELY DELETED *** FIRM CAPITAL MORTGAGE FUND INC.	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1970082 TO PR2234845						
PR2234913	2012/07/24	POSTPONEMENT		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1712050 TO PR2234845						

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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
PR2234914	2012/07/24	POSTPONEMENT		*** COMPLETELY DELETED *** GLENASHTON VENTURES LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
		REMARKS: PR1618708 TO PR2234845				
PR2481745	2013/12/24	APL CH NAME INST		GLENASHTON VENTURES LIMITED	RIVERCOURT DEVELOPMENTS INC.	C
		REMARKS: PR1618708.				
PR2481746	2013/12/24	CHARGE		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	FOREST BROOKE INVESTMENTS LIMITED	
PR2481747	2013/12/24	TRANSFER OF CHARGE		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	RIVERCOURT DEVELOPMENTS INC.	
		REMARKS: PR2481746.				
PR2510131	2014/03/14	NOTICE	\$2	WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	C
PR2510156	2014/03/14	POSTPONEMENT		*** COMPLETELY DELETED *** RIVERCOURT DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
		REMARKS: PR1618708 TO PR2510131				
PR2510157	2014/03/14	POSTPONEMENT		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
		REMARKS: PR1712050 TO PR2510131				
PR2510158	2014/03/14	POSTPONEMENT		*** COMPLETELY DELETED *** FIRM CAPITAL MORTGAGE FUND INC.	FIRM CAPITAL MORTGAGE FUND INC.	
		REMARKS: PR1970082 TO PR2510131				
PR2510159	2014/03/14	POSTPONEMENT		*** COMPLETELY DELETED *** RIVERCOURT DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
		REMARKS: PR2481746 TO PR2510131				
PR2510621	2014/03/17	DISCH OF CHARGE		*** COMPLETELY DELETED *** EQUIFINANCE INVESTMENT CORPORATION		
		REMARKS: PR1952176.				
PR2615145	2014/10/14	CHARGE		*** COMPLETELY DELETED *** GEORGIAN PROPERTIES CORPORATION WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
PR2615146	2014/10/14	NO ASSGN RENT GEN		*** COMPLETELY DELETED *** GEORGIAN PROPERTIES CORPORATION WYNDCLIFFE DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	

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PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

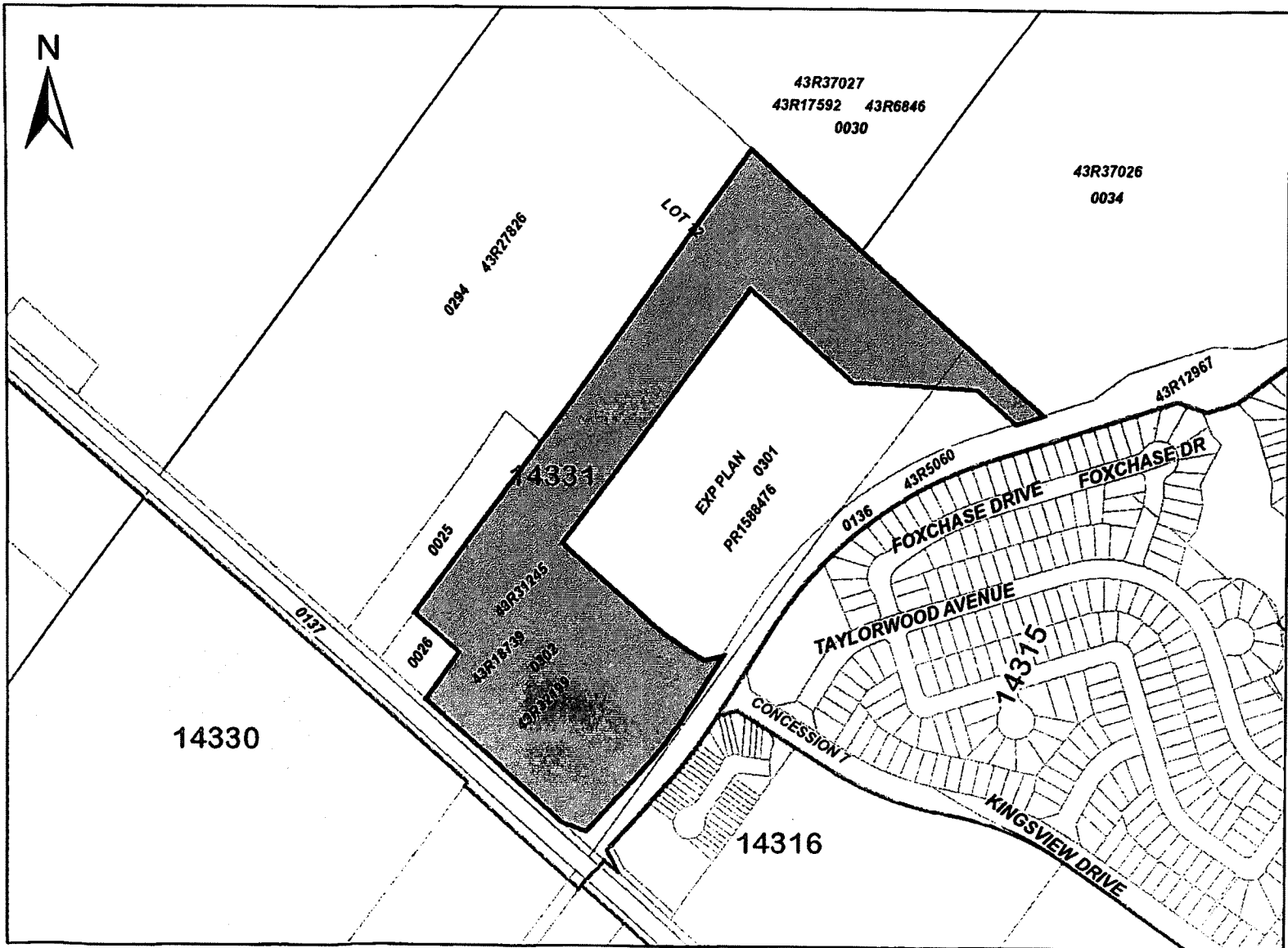
14331-0302 (LT)

PAGE 4 OF 4
PREPARED FOR Bertucci
ON 2018/02/06 AT 09:34:59

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

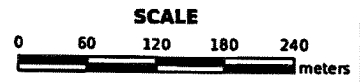
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: PR2615145.						
PR2615169	2014/10/14	POSTPONEMENT		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1712050 TO CHARGE NO. PR2615145 AND ASSIGNMENT OF RENTS NO. PR2615146.						
PR2615170	2014/10/14	POSTPONEMENT		*** COMPLETELY DELETED *** RIVERCOURT DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR2481746, PR2481747 TO CHARGE NO. PR2615145 AND ASSIGNMENT OF RENTS NO. PR2615146.						
PR2615171	2014/10/14	POSTPONEMENT		*** COMPLETELY DELETED *** RIVERCOURT DEVELOPMENTS INC.	FIRM CAPITAL MORTGAGE FUND INC.	
REMARKS: PR1618708, PR2481745 TO CHARGE NO. PR2615145 AND NOTICE OF ASSIGNMENT OF RENTS NO. PR2615146.						
PR2616915	2014/10/17	DISCH OF CHARGE		*** COMPLETELY DELETED *** FOREST BROOKE INVESTMENTS LIMITED		
REMARKS: PR1712050.						
PR2619589	2014/10/23	DISCH OF CHARGE		*** COMPLETELY DELETED *** FIRM CAPITAL MORTGAGE FUND INC.		
REMARKS: PR1970082.						
PR2721271	2015/06/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** FIRM CAPITAL MORTGAGE FUND INC.		
REMARKS: PR2615145.						
PR2787093	2015/09/16	NOTICE		*** COMPLETELY DELETED *** WYNDCLIFFE DEVELOPMENTS INC.	RIVERCOURT DEVELOPMENTS INC.	
REMARKS: PR1618708						
PR2881804	2016/03/14	CHARGE	\$3,200,000	WYNDCLIFFE DEVELOPMENTS INC.	RIVERCOURT DEVELOPMENTS INC.	
PR2881805	2016/03/14	DISCH OF CHARGE		*** COMPLETELY DELETED *** RIVERCOURT DEVELOPMENTS INC.		
REMARKS: PR1618708.						
PR2881806	2016/03/14	DISCH OF CHARGE		*** COMPLETELY DELETED *** RIVERCOURT DEVELOPMENTS INC.		
REMARKS: PR2481746.						

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PROPERTY INDEX MAP PEEL(No. 43)

LEGEND

FREEHOLD PROPERTY		
LEASEHOLD PROPERTY		
LIMITED INTEREST PROPERTY		
CONDOMINIUM PROPERTY		
RETIRED PIN (MAP UPDATE PENDING)		
PROPERTY NUMBER		0449
BLOCK NUMBER		08050
GEOGRAPHIC FABRIC		
EASEMENT		

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE
PROPERTY INFORMATION AS THIS MAP MAY
NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND
DOCUMENTS RECORDED IN THE LAND
REGISTRATION SYSTEM AND HAS BEEN PREPARED
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT
REFERENCE PLANS ARE NOT ILLUSTRATED



APPENDIX C

EcoLog ERIS Report



DATABASE REPORT

Project Property: *NE of HWY 50 & Columbia Way
14245 HIGHWAY 50
Caledon ON
526-20*

Project No: *526-20*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *20180201196*

Requested by: *Ds Consultants Ltd.*

Date Completed: *February 7, 2018*

**Environmental Risk
Information Services**
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Executive Summary

Property Information:

Project Property: *NE of HWY 50 & Columbia Way
14245 HIGHWAY 50 Caledon ON*

Project No: *526-20*

Order Information:

Order No: *20180201196*
Date Requested: *February 1, 2018*
Requested by: *Ds Consultants Ltd.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs *National Collection - Digital (PDF)*

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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	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
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	1	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired 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
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	17	17
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	1	1
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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
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
NEBW	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
OGW	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	4	4
PINC	TSSA Pipeline Incidents	Y	0	2	2
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	2	2
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	TSSA 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	1	8	9
Total:			1	37	38

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	WWIS		lot 12 con 7 ON	-/0.0	0.16	16

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		lot 12 con 7 Caledon ON	N/0.6	-0.94	18
3	SPL	SUNY'S GAS BAR	HWY 50 AT QUEEN SUNY'S GAS IN ZAIRES PARKING LOT SERVICE STATION CALEDON TOWN ON	S/13.1	-1.84	21
4	WWIS		lot 13 con 7 Caledon ON	NNW/13.5	0.16	21
5	EHS		14220 Highway 50 Bolton ON	SSW/18.3	-0.33	23
5	GEN	PEEL, REGIONAL MUNICIPALITY OF	BOLTON PUBLIC WORKS YARD #3 14220 HIGHWAY 50- R.R. #2 TOWN OF CALEDON ON L7E 5R2	SSW/18.3	-0.33	24
5	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	SSW/18.3	-0.33	24
5	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	SSW/18.3	-0.33	25
5	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	SSW/18.3	-0.33	25
5	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	SSW/18.3	-0.33	25
5	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	SSW/18.3	-0.33	26
5	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	SSW/18.3	-0.33	26
5	GEN	PEEL, REGION OF	BOLTON PUBLIC WORKS YARD #3 14220 HIGHWAY 50, R.R. #2 TOWN OF CALEDON ON L7E 5R2	SSW/18.3	-0.33	26
6	BORE		ON	WNW/21.7	0.16	27
7	WWIS		BOLTON ON	S/25.2	-1.84	27
8	GEN	TOWN OF CALEDON	PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON L7E 3E2	SW/44.5	0.12	30
9	SPL		60 Alderbrook Place, Bolton Caledon ON	SSE/49.3	-2.92	30
10	GEN	North Hill Animal Hospital	14182 Hwy 50 N. Bolton ON	S/53.8	-2.20	31
10	GEN	North Hill Animal Hospital Professional Corp.	14182 Hwy 50 N. Bolton ON L7E 5R8	S/53.8	-2.20	31
10	GEN	North Hill Animal Hospital Professional Corp.	14182 Regional Road 50 Bolton ON	S/53.8	-2.20	31
10	GEN	North Hill Animal Hospital Professional Corp.	14182 Regional Road 50 Bolton ON	S/53.8	-2.20	31
11	WWIS		lot 11 con 6 ON	SSW/85.2	-0.84	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>12</u>	WWIS		lot 11 con 6 ON	S/91.5	-1.84	<u>34</u>
<u>13</u>	GEN	DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	St. Michael S.S., 9130 Columbia Way Bolton ON	NE/127.2	-3.18	<u>37</u>
<u>13</u>	GEN	DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	St. Michael S.S., 9130 Columbia Way Bolton ON L7E 4G6	NE/127.2	-3.18	<u>38</u>
<u>13</u>	GEN	DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	St. Michael S.S., 9130 Columbia Way Bolton ON L7E 4G6	NE/127.2	-3.18	<u>38</u>
<u>14</u>	INC		7 Rotarian Way, Caledon ON	SE/152.9	-1.80	<u>38</u>
<u>15</u>	WWIS		lot 12 con 6 ON	W/160.4	-2.33	<u>39</u>
<u>16</u>	WWIS		lot 11 con 6 ON	SSW/161.6	-1.54	<u>42</u>
<u>17</u>	GEN	Grant Thornton	14124 Regional Road #50 Bolton ON	SSE/168.9	-4.61	<u>44</u>
<u>17</u>	PES	WOODY'S BUILDING PRODUCTS	14124 HIGHWAY # 50, RR 2 BOLTON ON L7E3E2	SSE/168.9	-4.61	<u>44</u>
<u>17</u>	PES	WOODY'S BUILDING PRODUCTS	14124 HIGHWAY # 50, RR 2 BOLTON ON L7E3E2	SSE/168.9	-4.61	<u>45</u>
<u>18</u>	PINC		13 FOXBURY PLACE, BOLTON ON	ENE/190.7	-6.82	<u>45</u>
<u>18</u>	PINC		13 Foxbury Place, Caledon ON	ENE/190.7	-6.82	<u>45</u>
<u>19</u>	PES	CALEDON GARDEN GALLERY INC	14118 HIGHWAY 50, RR#2 CALEDON ON L7E5R8	SSE/203.0	-4.30	<u>46</u>
<u>19</u>	PES	CALEDON GARDEN GALLERY INC	14118 HIGHWAY 50, RR#2 CALEDON ON L7E5R8	SSE/203.0	-4.30	<u>46</u>
<u>20</u>	HINC		14118 Hwy 50 BOLTON ON	SSE/206.5	-4.30	<u>47</u>
<u>21</u>	WWIS		lot 11 con 7 ON	SE/224.2	-2.82	<u>47</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	21.7	<u>6</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	14220 Highway 50 Bolton ON	18.3	<u>5</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 17 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PEEL, REGIONAL MUNICIPALITY OF	BOLTON PUBLIC WORKS YARD #3 14220 HIGHWAY 50- R.R. #2	18.3	<u>5</u>
TOWN OF CALEDON	TOWN OF CALEDON ON L7E 5R2 PUBLIC WORKS YARD 3 14220 HIGHWAY 50	18.3	<u>5</u>
TOWN OF CALEDON	BOLTON ON PUBLIC WORKS YARD 3 14220 HIGHWAY 50	18.3	<u>5</u>
TOWN OF CALEDON	BOLTON ON PUBLIC WORKS YARD 3 14220 HIGHWAY 50	18.3	<u>5</u>
TOWN OF CALEDON	BOTLON ON L7E 5R8 PUBLIC WORKS YARD 3 14220 HIGHWAY 50	18.3	<u>5</u>
TOWN OF CALEDON	BOLTON ON PUBLIC WORKS YARD 3 14220 HIGHWAY 50	18.3	<u>5</u>
TOWN OF CALEDON	BOLTON ON PUBLIC WORKS YARD 3 14220 HIGHWAY 50	18.3	<u>5</u>
PEEL, REGION OF	BOLTON PUBLIC WORKS YARD #3 14220 HIGHWAY 50, R.R. #2	18.3	<u>5</u>
TOWN OF CALEDON	TOWN OF CALEDON ON L7E 5R2 PUBLIC WORKS YARD 3 14220 HIGHWAY 50	44.5	<u>8</u>
	BOLTON ON L7E 3E2		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
North Hill Animal Hospital	14182 Hwy 50 N. Bolton ON	53.8	10
North Hill Animal Hospital Professional Corp.	14182 Hwy 50 N. Bolton ON L7E 5R8	53.8	10
North Hill Animal Hospital Professional Corp.	14182 Regional Road 50 Bolton ON	53.8	10
North Hill Animal Hospital Professional Corp.	14182 Regional Road 50 Bolton ON	53.8	10
DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	St. Michael S.S., 9130 Columbia Way Bolton ON L7E 4G6	127.2	13
DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	St. Michael S.S., 9130 Columbia Way Bolton ON	127.2	13
DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD	St. Michael S.S., 9130 Columbia Way Bolton ON L7E 4G6	127.2	13
Grant Thornton	14124 Regional Road #50 Bolton ON	168.9	17

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	14118 Hwy 50 BOLTON ON	206.5	20

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	7 Rotarian Way, Caledon ON	152.9	14

PES - Pesticide Register

A search of the PES database, dated 1988-Aug 2017 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WOODY'S BUILDING PRODUCTS	14124 HIGHWAY # 50, RR 2 BOLTON ON L7E3E2	168.9	17
WOODY'S BUILDING PRODUCTS	14124 HIGHWAY # 50, RR 2 BOLTON ON L7E3E2	168.9	17

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CALEDON GARDEN GALLERY INC	14118 HIGHWAY 50, RR#2 CALEDON ON L7E5R8	203.0	<u>19</u>
CALEDON GARDEN GALLERY INC	14118 HIGHWAY 50, RR#2 CALEDON ON L7E5R8	203.0	<u>19</u>

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	13 Foxbury Place, Caledon ON	190.7	<u>18</u>
	13 FOXBURY PLACE, BOLTON ON	190.7	<u>18</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2017 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

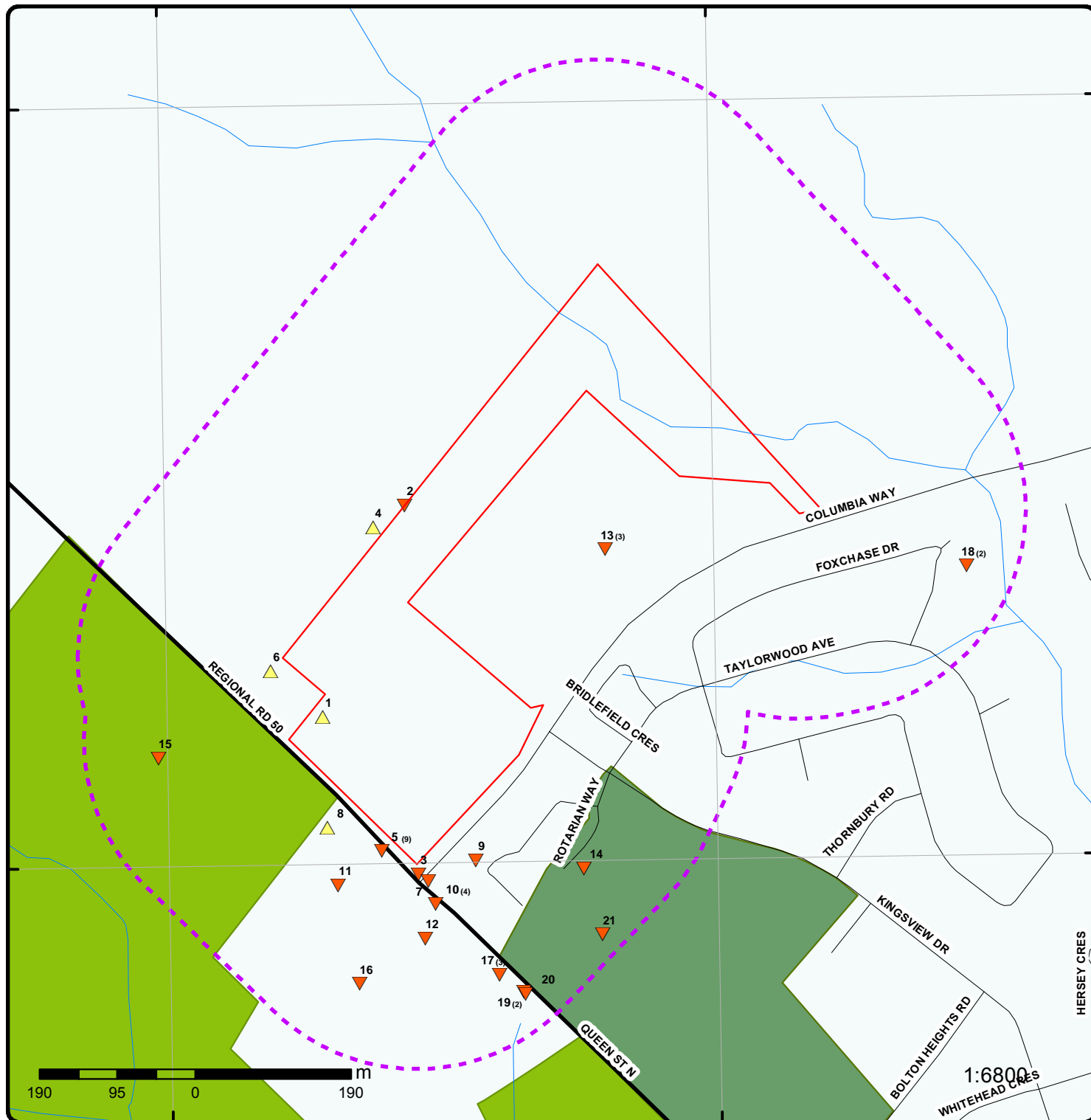
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNY'S GAS BAR	HWY 50 AT QUEEN SUNY'S GAS IN ZAIRES PARKING LOT SERVICE STATION CALEDON TOWN ON	13.1	<u>3</u>
	60 Alderbrook Place, Bolton Caledon ON	49.3	<u>9</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 12 con 7 ON	0.0	<u>1</u>
	lot 12 con 7 Caledon ON	0.6	<u>2</u>
	lot 13 con 7 Caledon ON	13.5	<u>4</u>
	BOLTON ON	25.2	<u>7</u>
	lot 11 con 6 ON	85.2	<u>11</u>
	lot 11 con 6 ON	91.5	<u>12</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 12 con 6 ON	160.4	<u>15</u>
	lot 11 con 6 ON	161.6	<u>16</u>
	lot 11 con 7 ON	224.2	<u>21</u>



Map : 0.25 Kilometer Radius

Order No: 20180201196

Address: 14245 HIGHWAY 50, Caledon, ON



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

79°45'W

43°54'N

43°54'N



Aerial (2015)

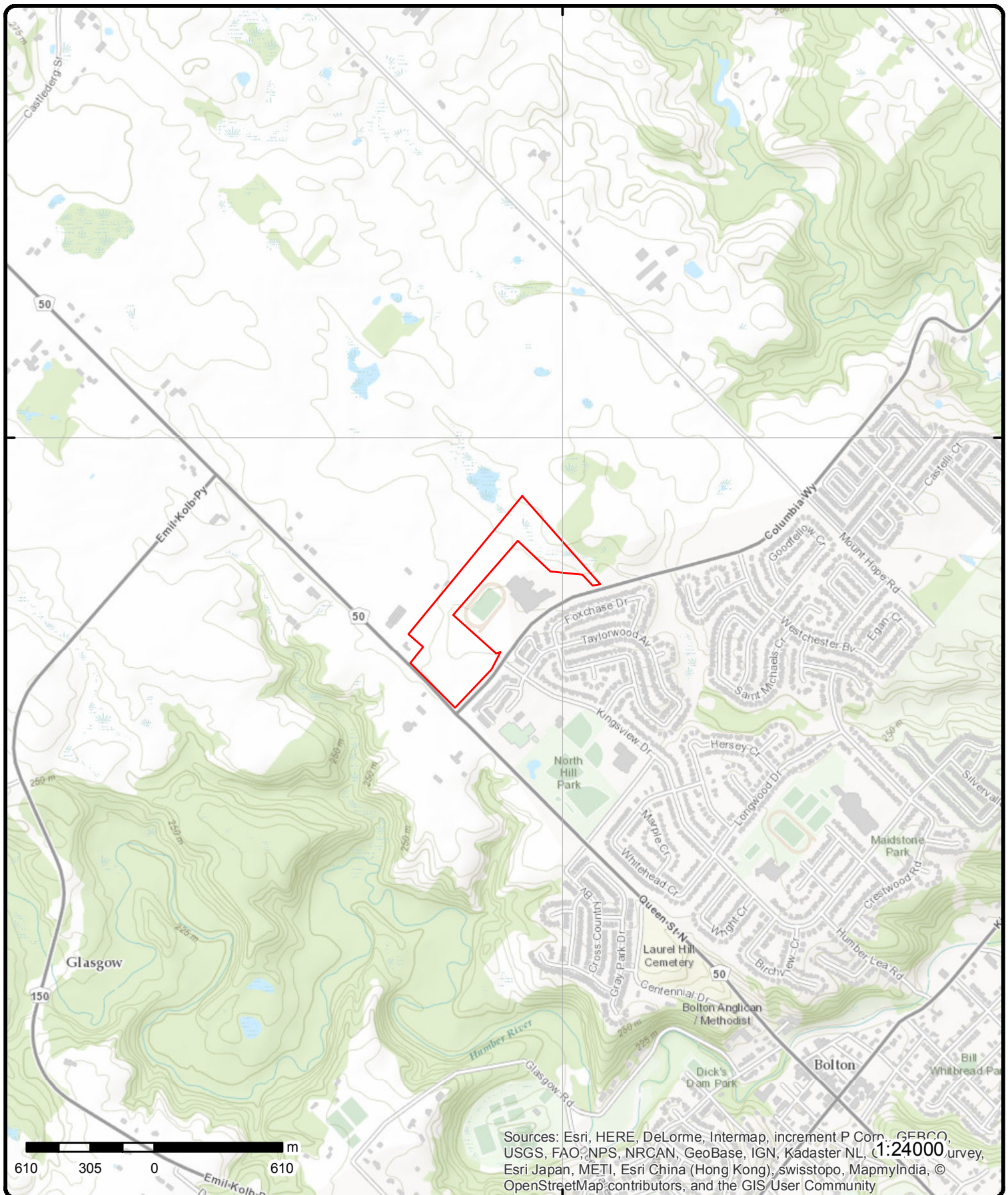
Address: 14245 HIGHWAY 50, Caledon, ON

Source: ESRI World Imagery

Order No: 20180201196



© ERIS Information Limited Partnership



Topographic Map

Address: 14245 HIGHWAY 50, Caledon, ON

Source: ESRI World Topographic Map

Order No: 20180201196



© ERI S Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	264.9	lot 12 con 7 ON	WWIS
<div> <div> Well ID: 4905679 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: </div> <div> Data Entry Status: Data Src: 1 Date Received: 11/21/1978 Selected Flag: 1 Abandonment Rec: Contractor: 3108 Form Version: 1 Owner: Street Name: County: PEEL Municipality: CALEDON TOWN (ALBION) Site Info: Lot: 012 Concession: 07 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10320383 DP2BR: Code OB: 0 Code OB Desc: Overburden Open Hole: Elevation: 265.293243 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Spatial Status: Cluster Kind: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5 Org CS: Date Completed: 10/3/1978 </div> </div>					
<u>Overburden and Bedrock Materials Interval</u>					
<div> <div> Formation ID: 932050891 Layer: 1 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		14.00			
Formation End Depth UOM:		ft			
Formation ID:		932050892			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		14.00			
Formation End Depth:		82.00			
Formation End Depth UOM:		ft			
Formation ID:		932050893			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		82.00			
Formation End Depth:		137.00			
Formation End Depth UOM:		ft			
Formation ID:		932050894			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		137.00			
Formation End Depth:		148.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964905679			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10868953			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing ID: 930528634					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 145.00					
Casing Diameter: 6.00					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 933359819					
Layer: 1					
Slot: 010					
Screen Top Depth: 145.00					
Screen End Depth: 148.00					
Screen Material:					
Screen Depth UOM: ft					
Screen Diameter UOM: inch					
Screen Diameter: 6.00					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 994905679					
Pump Set At:					
Static Level: 69.00					
Final Level After Pumping: 130.00					
Recommended Pump Depth: 147.00					
Pumping Rate: 20.00					
Flowing Rate:					
Recommended Pump Rate: 7.00					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 2					
Pumping Duration HR: 3					
Pumping Duration MIN: 0					
Flowing: N					
<u>Water Details</u>					
Water ID: 933793698					
Layer: 1					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 140.00					
Water Found Depth UOM: ft					

2	1 of 1	N/0.6	263.8	lot 12 con 7 Caledon ON	WWIS
Well ID: 7169000					
Construction Date:					
Primary Water Use: Other					
Sec. Water Use:					
Final Well Status: 0					
Water Type:					
Casing Material:					
Audit No: Z134783					
Data Entry Status:					
Data Src:					
Date Received: 9/21/2011					
Selected Flag: 1					
Abandonment Rec: Yes					
Contractor: 4011					
Form Version: 7					
Owner:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	14337 HWY 50 PEEL CALEDON TOWN (ALBION) 012 07 CON
<u>Bore Hole Information</u>					
Bore Hole ID:		1003569816	Spatial Status:		
DP2BR:			Cluster Kind:		
Code OB:			UTMRC:		
Code OB Desc:			3		
Open Hole:			UTMRC Desc:		
Elevation:		264.466003	margin of error : 10 - 30 m		
Elevrc:			Location Method:		
Remarks:			wwr		
Elevrc Desc:			Org CS:		
Location Source Date:			UTM83		
Improvement Location Source:			Date Completed:		
Improvement Location Method:			9/1/2011		
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003977740			
Layer:		1			
Plug From:		0.00			
Plug To:		1.50			
Plug Depth UOM:		m			
Plug ID:		1003977741			
Layer:		2			
Plug From:		1.50			
Plug To:		3.10			
Plug Depth UOM:		m			
Plug ID:		1003977742			
Layer:		3			
Plug From:		3.10			
Plug To:		7.20			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1003977739			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003977731			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003977736			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		125.00			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003977737			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003977732			
Pump Set At:					
Static Level:		1.90			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		1003977735			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003977734			
Diameter:					
Depth From:					
Depth To:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
3	1 of 1	S/13.1	262.9	SUNY'S GAS BAR HWY 50 AT QUEEN SUNY'S GAS IN ZAIRES PARKING LOT SERVICE STATION CALEDON TOWN ON	SPL
Ref No: 29982				Site Address:	
Contaminant Name:				Site Conc:	
Contaminant Code:				Site Lot:	
Contaminant Limit 1:				Site County/District:	
Contam. Limit Freq 1:				Site Municipality:	21401
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Sector Type:	
MOE Reported Dt: 1/17/1990				Source Type:	
Health/Env Conseq:				Receiving Medium:	LAND / WATER
Incident Dt: 1/17/1990				Receiving Env:	
Incident Cause: PIPE/HOSE LEAK				Environment Impact:	
Incident Event:				Nature of Impact:	
Incident Reason: ERROR				SAC Action Class:	
Incident Summary: SUNY'S SERVICE STATION- 100 L GASOLINE TO GROUND AND STORM SEWER.					
4	1 of 1	NNW/13.5	264.9	lot 13 con 7 Caledon ON	WWIS
Well ID: 7168998				Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use: Other				Date Received:	9/21/2011
Sec. Water Use:				Selected Flag:	1
Final Well Status: Abandoned-Other				Abandonment Rec:	Yes
Water Type:				Contractor:	4011
Casing Material:				Form Version:	7
Audit No: Z134782				Owner:	
Tag:				Street Name:	14291 HWY. 50
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	CALEDON TOWN (ALBION)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	07
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1003569812				Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:				UTMRC:	3
Code OB Desc:				UTMRC Desc:	margin of error : 10 - 30 m
Open Hole:				Location Method:	wwr
Elevation: 265.054748				Org CS:	UTM83
Elevrc:				Date Completed:	8/31/2011
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003977713			
Layer:		1			
Plug From:		0.00			
Plug To:		0.75			
Plug Depth UOM:		m			
Plug ID:		1003977714			
Layer:		2			
Plug From:		0.75			
Plug To:		1.45			
Plug Depth UOM:		m			
Plug ID:		1003977715			
Layer:		3			
Plug From:		1.45			
Plug To:		3.60			
Plug Depth UOM:		m			
Plug ID:		1003977716			
Layer:		4			
Plug From:		3.60			
Plug To:		3.80			
Plug Depth UOM:		m			
Plug ID:		1003977717			
Layer:		5			
Plug From:		3.80			
Plug To:		5.75			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1003977712			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003977704			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003977709			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003977710			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003977705			
Pump Set At:					
Static Level:		1.20			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		1003977708			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003977707			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
5	1 of 9	SSW/18.3	264.4	14220 Highway 50 Bolton ON	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20100526033			
Addit. Info Ordered.:					
Report Date:		6/3/2010			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Report Type: Search Radius (km):		Custom Report 0.25			
5	2 of 9	SSW/18.3	264.4	PEEL, REGIONAL MUNICIPALITY OF BOLTON PUBLIC WORKS YARD #3 14220 HIGHWAY 50- R.R. #2 TOWN OF CALEDON ON L7E 5R2	GEN
Generator No.:		ON0148320		PO Box No.:	
Status:				Country:	
Approval Years:		98,99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		8373			
SIC Description:		ENVIRON. ADMIN.			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
5	3 of 9	SSW/18.3	264.4	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	GEN
Generator No.:		ON0813202		PO Box No.:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		811119			
SIC Description:		Other Automotive Mechanical and Electrical Repair and Maintenance			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
5	4 of 9	SSW/18.3	264.4	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	GEN
Generator No.:	ON0813202			PO Box No.:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	811119				
SIC Description:		Other Automotive Mechanical and Electrical Repair and Maintenance			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
5	5 of 9	SSW/18.3	264.4	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOTLON ON L7E 5R8	GEN
Generator No.:	ON0813202			PO Box No.:	
Status:				Country:	
Approval Years:	02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
5	6 of 9	SSW/18.3	264.4	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	GEN
Generator No.:	ON0813202			PO Box No.:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	811119				
SIC Description:		OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		150			
Waste Description:		INERT INORGANIC WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	7 of 9	SSW/18.3	264.4	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	GEN
Generator No.:		ON0813202	PO Box No.:		
Status:			Country:		
Approval Years:		2011	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No. Admin:		
SIC Code:		811119			
SIC Description:		Other Automotive Mechanical and Electrical Repair and Maintenance			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
5	8 of 9	SSW/18.3	264.4	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON	GEN
Generator No.:		ON0813202	PO Box No.:		
Status:			Country:		
Approval Years:		2012	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No. Admin:		
SIC Code:		811119			
SIC Description:		Other Automotive Mechanical and Electrical Repair and Maintenance			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
5	9 of 9	SSW/18.3	264.4	PEEL, REGION OF BOLTON PUBLIC WORKS YARD #3 14220 HIGHWAY 50, R.R. #2 TOWN OF CALEDON ON L7E 5R2	GEN
Generator No.:		ON0148320	PO Box No.:		
Status:			Country:		
Approval Years:		93,94,95,96,97	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No. Admin:		
SIC Code:		8373			
SIC Description:		ENVIRON. ADMIN.			
--Details--					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
6	1 of 1	WNW/21.7	264.9	ON	BORE
Borehole ID:	591172			Type:	Outcrop
Use:				Status::	Unknown
Drill Method::				UTM Zone::	17
Easting::	599851			Northing::	4860829
Location Accuracy::				Orig. Ground Elev m::	265
Elev. Reliability Note::				DEM Ground Elev m::	265
Total Depth m::	.9			Primary Name::	OGS-OLW-62-988
Township::				Concession::	
Lot::				Municipality:	
Completion Date::				Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218340396			Top Depth(m):	0.0
Bottom Depth(m):	0.9			Stratum Desc:	Di si
7	1 of 1	S/25.2	262.9	BOLTON ON	WWIS
Well ID:	7164920			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	7/6/2011
Sec. Water Use:				Selected Flag:	1
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	7295
Casing Material:				Form Version:	7
Audit No:	Z128945			Owner:	
Tag:	A113824			Street Name:	14220 COUNTY ROAD 50
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	CALEDON TOWN (ALBION)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003529348			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:				UTMRC:	4
Code OB Desc:				UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	wwr
Elevation:	263.610534			Org CS:	dms83
Elevrc:				Date Completed:	5/31/2011
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1003835543				
Layer:	1				
Color:	5				
General Color:	YELLOW				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	5.00				
Formation End Depth UOM:	ft				
Formation ID:	1003835544				
Layer:	2				
Color:	4				
General Color:	GREEN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	5.00				
Formation End Depth:	15.00				
Formation End Depth UOM:	ft				
Formation ID:	1003835545				
Layer:	3				
Color:	4				
General Color:	GREEN				
Mat1:	06				
Most Common Material:	SILT				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	15.00				
Formation End Depth:	20.00				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Formation ID:		1003835546			
Layer:		4			
Color:		4			
General Color:		GREEN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		20.00			
Formation End Depth:		22.00			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003835554			
Layer:		1			
Plug From:		0.00			
Plug To:		11.00			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1003835552			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1003835542			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1003835549			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.00			
Depth To:		12.00			
Casing Diameter:		1.80			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1003835550			
Layer:		1			
Slot:		10			
Screen Top Depth:		12.00			
Screen End Depth:		22.00			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.00			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Water Details</u>					
Water ID:		1003835548			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		15.00			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003835547			
Diameter:		7.00			
Depth From:		0.00			
Depth To:		22.00			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>8</u>	1 of 1	SW/44.5	264.8	TOWN OF CALEDON PUBLIC WORKS YARD 3 14220 HIGHWAY 50 BOLTON ON L7E 3E2	GEN
Generator No.:	ON0813202			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jun 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
<u>--Details--</u>					
Waste Code:	150 L				
Waste Description:	Inert organic wastes				
Waste Code:	221 L				
Waste Description:	Light fuels				
Waste Code:	251 L				
Waste Description:	Waste oils/sludges (petroleum based)				
Waste Code:	252 L				
Waste Description:	Waste crankcase oils and lubricants				
<u>9</u>	1 of 1	SSE/49.3	261.8	60 Alderbrook Place, Bolton Caledon ON	SPL
Ref No:	8371-8U5PPY			Site Address:	60 Alderbrook Place, Bolton
Contaminant Name:	NATURAL GAS (METHANE)			Site Conc:	
Contaminant Code:	35			Site Lot:	
Contaminant Limit 1:				Site County/District:	
Contam. Limit Freq 1:				Site Municipality:	Caledon
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Sector Type:	Other
MOE Reported Dt:	09-MAY-12			Source Type:	
Health/Env Conseq:				Receiving Medium:	Sewage - Municipal/Private and Commercial
Incident Dt:	09-MAY-12			Receiving Env:	
Incident Cause:				Environment Impact:	Confirmed
Incident Event:				Nature of Impact:	Air Pollution
Incident Reason:				SAC Action Class:	TSSA - Fuel Safety Branch
Incident Summary:	TSSA: 1/2 " gasoline damage. made safe.				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
10	1 of 4	S/53.8	262.5	North Hill Animal Hospital 14182 Hwy 50 N. Bolton ON	GEN
Generator No.:	ON6173942			PO Box No.:	
Status:				Country:	
Approval Years:	03			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
10	2 of 4	S/53.8	262.5	North Hill Animal Hospital Professional Corp. 14182 Hwy 50 N. Bolton ON L7E 5R8	GEN
Generator No.:	ON6173942			PO Box No.:	
Status:				Country:	
Approval Years:	04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
10	3 of 4	S/53.8	262.5	North Hill Animal Hospital Professional Corp. 14182 Regional Road 50 Bolton ON	GEN
Generator No.:	ON6173942			PO Box No.:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
--Details--					
Waste Code:	261				
Waste Description:	PHARMACEUTICALS				
Waste Code:	264				
Waste Description:	PHOTOPROCESSING WASTES				
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
10	4 of 4	S/53.8	262.5	North Hill Animal Hospital Professional Corp. 14182 Regional Road 50 Bolton ON	GEN
Generator No.:	ON6173942			PO Box No.:	
Status:				Country:	
Approval Years:	06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		321			
Waste Description:		EXPLOSIVE MANUFACTURING WASTES			
11	1 of 1	SSW/85.2	263.9	lot 11 con 6 ON	WWIS
Well ID:	4900325			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Public			Date Received:	8/29/1967
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4305
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	CALEDON TOWN (ALBION)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10315173			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	0			UTMRC:	5
Code OB Desc:	Overburden			UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:				Location Method:	p5
Elevation:	264.264251			Org CS:	
Elevrc:				Date Completed:	8/10/1967
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932029587				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		2.00			
Formation End Depth UOM:		ft			
Formation ID:		932029588			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2.00			
Formation End Depth:		12.00			
Formation End Depth UOM:		ft			
Formation ID:		932029589			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		12.00			
Formation End Depth:		251.00			
Formation End Depth UOM:		ft			
Formation ID:		932029590			
Layer:		4			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		251.00			
Formation End Depth:		262.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964900325			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Pipe ID:		10863743			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930521259			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		257.00			
Casing Diameter:		5.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933358938			
Layer:		1			
Slot:		015			
Screen Top Depth:		257.00			
Screen End Depth:		262.00			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.00			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		994900325			
Pump Set At:					
Static Level:		91.00			
Final Level After Pumping:		98.00			
Recommended Pump Depth:		120.00			
Pumping Rate:		15.00			
Flowing Rate:					
Recommended Pump Rate:		15.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933788280			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		257.00			
Water Found Depth UOM:		ft			
<hr/>					
12	1 of 1	S/91.5	262.9	lot 11 con 6 ON	WWIS
Well ID:	4900323			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/10/1961
Sec. Water Use:	0			Selected Flag:	1
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1413
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	CALEDON TOWN (ALBION)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10315171			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:	0			UTMRC:	9
Code OB Desc:	Overburden			UTMRC Desc:	unknown UTM
Open Hole:				Location Method:	p9
Elevation:	263.198699			Org CS:	
Elevrc:				Date Completed:	2/20/1961
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932029577				
Layer:	1				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	120.00				
Formation End Depth UOM:	ft				
Formation ID:	932029578				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Other Materials:	SILT				
Mat3:					
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		120.00			
Formation End Depth:		165.00			
Formation End Depth UOM:		ft			
Formation ID:		932029579			
Layer:		3			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		165.00			
Formation End Depth:		169.00			
Formation End Depth UOM:		ft			
Formation ID:		932029580			
Layer:		4			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		169.00			
Formation End Depth:		174.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964900323			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10863741			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930521257			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		170.00			
Casing Diameter:		5.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933358937			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Layer:		1			
Slot:		010			
Screen Top Depth:		170.00			
Screen End Depth:		174.00			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5.00			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		994900323			
Pump Set At:					
Static Level:		78.00			
Final Level After Pumping:		160.00			
Recommended Pump Depth:					
Pumping Rate:		3.00			
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:		2			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933788278			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		174.00			
Water Found Depth UOM:		ft			
<hr/>					
13	1 of 3	NE/127.2	261.5	DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD St. Michael S.S., 9130 Columbia Way Bolton ON	GEN
Generator No.:	ON6379064			PO Box No.:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	611110				
SIC Description:		ELEMENTARY AND SECONDARY SCHOOLS			
 <u>--Details--</u>					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<hr/>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
13	2 of 3	NE/127.2	261.5	DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD St. Michael S.S., 9130 Columbia Way Bolton ON L7E 4G6	GEN
Generator No.: ON6379064 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 611110 SIC Description: Elementary and Secondary Schools		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:			
13	3 of 3	NE/127.2	261.5	DUFFERIN-PEEL CATHOLIC DISTRICT SCHOOL BOARD St. Michael S.S., 9130 Columbia Way Bolton ON L7E 4G6	GEN
Generator No.: ON6379064 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 611110 SIC Description:		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:			
14	1 of 1	SE/152.9	262.9	7 Rotarian Way, Caledon ON	INC
Incident No: 466328 Incident ID: 2618220 Attribute Category: FS-Incident Status Code: Causal Analysis Complete Incident Location: 7 Rotarian Way, Caledon - 1" Pipeline Hit Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water: Approx. Quant. Rel.: Equipment Model: Serial No: Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type: Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Service / Riser Distribution Pipeline Pipeline Involved: Pipe Material: Plastic Depth Ground Cover: Regulator Location: Outside Regulator Type: Service Regulator (up to 60 psi intake) Operation Pressure: IP Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: Fuel Type Involved: Date of Occurrence: Time of Occurrence: Occur Insp Start Date: Any Health Impact: Any Environmental Impact: Was Service Interrupted: Was Property Damaged: Operation Type Involved: Enforcement Policy: Prc Escalation Required: Task No: Notes: Occurrence Narrative: Contractor had exposed service with Vac Truck.Had valid locates.Operator error. Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					

15	1 of 1	W/160.4	262.4	lot 12 con 6 ON	WWIS
Well ID: 4903224 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: 1 Date Received: 6/4/1969 Selected Flag: 1 Abandonment Rec: Contractor: 1413 Form Version: 1 Owner: Street Name: County: PEEL Municipality: CALEDON TOWN (ALBION) Site Info: Lot: 012 Concession: 06 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10318063 DP2BR: Code OB: o Code OB Desc: Overburden Open Hole: Elevation: 261.288909 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:					
Spatial Status: Cluster Kind: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4 Org CS: Date Completed: 4/10/1969					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932040814			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		25.00			
Formation End Depth UOM:		ft			
Formation ID:		932040815			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		25.00			
Formation End Depth:		105.00			
Formation End Depth UOM:		ft			
Formation ID:		932040816			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		105.00			
Formation End Depth:		143.00			
Formation End Depth UOM:		ft			
Formation ID:		932040817			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		143.00			
Formation End Depth:		150.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Method Construction ID:		964903224			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10866633			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930525462			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		146.00			
Casing Diameter:		5.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933359316			
Layer:		1			
Slot:		020			
Screen Top Depth:		146.00			
Screen End Depth:		150.00			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		994903224			
Pump Set At:					
Static Level:		45.00			
Final Level After Pumping:		140.00			
Recommended Pump Depth:		140.00			
Pumping Rate:		6.00			
Flowing Rate:					
Recommended Pump Rate:		5.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933791240			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		150.00			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Found Depth UOM:		ft			
16	1 of 1	SSW/161.6	263.2	lot 11 con 6 ON	WWIS
Well ID: 4900324		Data Entry Status:			
Construction Date:		Data Src: 1			
Primary Water Use:		Date Received: 8/29/1967			
Sec. Water Use:		Selected Flag: 1			
Final Well Status: Abandoned-Supply		Abandonment Rec:			
Water Type:		Contractor: 4305			
Casing Material:		Form Version: 1			
Audit No:		Owner:			
Tag:		Street Name:			
Construction Method:		County: PEEL			
Elevation (m):		Municipality: CALEDON TOWN (ALBION)			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot: 011			
Well Depth:		Concession: 06			
Overburden/Bedrock:		Concession Name: CON			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10315172		Spatial Status:			
DP2BR:		Cluster Kind:			
Code OB: o		UTMRC: 5			
Code OB Desc: Overburden		UTMRC Desc: margin of error : 100 m - 300 m			
Open Hole:		Location Method: p5			
Elevation: 263.166595		Org CS:			
Elevrc:		Date Completed: 1/30/1967			
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932029581					
Layer: 1					
Color:					
General Color:					
Mat1: 02					
Most Common Material: TOPSOIL					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 0.00					
Formation End Depth: 2.00					
Formation End Depth UOM: ft					
Formation ID: 932029582					
Layer: 2					
Color: 6					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2.00			
Formation End Depth:		12.00			
Formation End Depth UOM:		ft			
Formation ID:		932029583			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12.00			
Formation End Depth:		131.00			
Formation End Depth UOM:		ft			
Formation ID:		932029584			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		131.00			
Formation End Depth:		179.00			
Formation End Depth UOM:		ft			
Formation ID:		932029585			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		179.00			
Formation End Depth:		188.00			
Formation End Depth UOM:		ft			
Formation ID:		932029586			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		188.00			
Formation End Depth:		240.00			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	964900324				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10863742				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930521258				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	240.00				
Casing Diameter:	6.00				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933788279				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	179.00				
Water Found Depth UOM:	ft				
17	1 of 3	SSE/168.9	260.1	Grant Thornton 14124 Regional Road #50 Bolton ON	GEN
Generator No.:	ON7434239			PO Box No.:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	523990				
SIC Description:	All Other Financial Investment Activities				
<u>--Details--</u>					
Waste Code:	221				
Waste Description:	LIGHT FUELS				
17	2 of 3	SSE/168.9	260.1	WOODY'S BUILDING PRODUCTS 14124 HIGHWAY # 50, RR 2 BOLTON ON L7E3E2	PES
Licence No.:				Operator Box:	
Detail Licence No.:				Operator Class:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Licence Type Code: Licence Type: Licence Class: Licence Control: Trade Name: Post Office Box: Lot: Concession: Region: District: County:	23 Limited Vendor			Operator No.: Operator Type: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Oper Phone Area Cd: Ext: Oper Phone Number: Proponent Ext:	
17	3 of 3	SSE/168.9	260.1	WOODY'S BUILDING PRODUCTS 14124 HIGHWAY # 50, RR 2 BOLTON ON L7E3E2	PES
Licence No.: Detail Licence No.: Licence Type Code: Licence Type: Licence Class: Licence Control: Trade Name: Post Office Box: Lot: Concession: Region: District: County:	Vendor			Operator Box: Operator Class: Operator No.: Operator Type: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Oper Phone Area Cd: Ext: Oper Phone Number: Proponent Ext:	
18	1 of 2	ENE/190.7	257.9	13 FOXBURY PLACE, BOLTON ON	PINC
Incident ID: Incident No: Type: Status Code: Fuel Occurrence Tp: Fuel Type: Tank Status: Task No: Spills Action Centre: Method Details: Fuel Category: Date of Occurrence: Occurrence Start Date: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	979246 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 4219960 E-mail Natural Gas 2012/12/18 13 FOXBURY PLACE, BOLTON - 0.5" PIPELINE HIT jamie.amodeo@enbridge.com Undetermined			Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:	Unknown N/A FS-Perform P-line Inc Invest
18	2 of 2	ENE/190.7	257.9	13 Foxbury Place, Caledon ON	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div> Incident ID: Incident No: 874068 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 4025164 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2012/09/19 Operation Type: Pipeline Type: Regulator Type: Summary: 13 Foxbury Place, Caledon - 1/2" Pipeline Hit Reported By: jamie.amodeo@enbridge.com Affiliation: Occurrence Desc: Damage Reason: Notification to one call center made but not sufficient Notes: </div> <div> Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regualtor Location: </div> </div>					
19	1 of 2	SSE/203.0	260.4	CALEDON GARDEN GALLERY INC 14118 HIGHWAY 50, RR#2 CALEDON ON L7E5R8	PES
<div> <div> Licence No.: Detail Licence No.: Licence Type Code: 22 Licence Type: General Vendor Licence Class: Licence Control: Trade Name: Post Office Box: Lot: Concession: Region: District: County: </div> <div> Operator Box: Operator Class: Operator No.: Operator Type: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Oper Phone Area Cd: Ext: Oper Phone Number: Proponent Ext: </div> </div>					
19	2 of 2	SSE/203.0	260.4	CALEDON GARDEN GALLERY INC 14118 HIGHWAY 50, RR#2 CALEDON ON L7E5R8	PES
<div> <div> Licence No.: Detail Licence No.: Licence Type Code: Licence Type: Vendor Licence Class: Licence Control: Trade Name: Post Office Box: Lot: Concession: Region: District: County: </div> <div> Operator Box: Operator Class: Operator No.: Operator Type: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Oper Phone Area Cd: Ext: Oper Phone Number: Proponent Ext: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	1 of 1	SSE/206.5	260.4	14118 Hwy 50 BOLTON ON	HINC
External File Num:		FS INC 0704-01940			
Date of Occurrence:		4/19/2007			
Fuel Occurrence Type:		Pipeline Strike			
Fuel Type Involved:		Natural Gas			
Status Desc::		Completed - Causal Analysis(End)			
Job Type Desc::		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved::		Construction Site (pipeline strike)			
Service Interruptions::		Yes			
Property Damage::		Yes			
Fuel Life Cycle Stage::		Transmission, Distribution and Transportation			
Root Cause::		Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:Yes			
Reported Details::					
Fuel Category::		Gaseous Fuel			
Occurrence Type::		Incident			
Affiliation::		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name::		Peel			
Approx. Quant. Rel::					
Nearby body of water::					
Enter Drainage Syst::					
Approx. Quant. Unit::					
Environmental Impact::					

Bore Hole Information

Bore Hole ID:	10315233	Spatial Status:	
DP2BR:		Cluster Kind:	
Code OB:	0	UTMRC:	5
Code OB Desc:	Overburden	UTMRC Desc:	margin of error : 100 m - 300 m
Open Hole:		Location Method:	p5
Elevation:	261.413085	Org CS:	
Elevrc:		Date Completed:	11/29/1963
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932029856			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0.00			
Formation End Depth:		7.00			
Formation End Depth UOM:		ft			
Formation ID:		932029857			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		7.00			
Formation End Depth:		108.00			
Formation End Depth UOM:		ft			
Formation ID:		932029858			
Layer:		3			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		108.00			
Formation End Depth:		158.00			
Formation End Depth UOM:		ft			
Formation ID:		932029859			
Layer:		4			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		158.00			
Formation End Depth:		162.00			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Use</u>					
Method Construction ID:		964900385			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10863803			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930521325			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		158.00			
Casing Diameter:		4.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933358963			
Layer:		1			
Slot:		012			
Screen Top Depth:		158.00			
Screen End Depth:		162.00			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4.00			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		994900385			
Pump Set At:					
Static Level:		120.00			
Final Level After Pumping:		160.00			
Recommended Pump Depth:		158.00			
Pumping Rate:		5.00			
Flowing Rate:					
Recommended Pump Rate:		3.00			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933788340			
Layer:		1			
Kind Code:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<hr/>					
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		158.00			
<i>Water Found Depth UOM:</i>		ft			

Unplottable Summary

Total: 5 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	HAROLD BROWN	QUEEN STREET NORTH	CALEDON TOWN ON	
CA	WYNDCLIFFE ESTATES INC. PH. IV	KINGSVIEW DR. HUMBERVIEW HILLS	CALEDON TOWN ON	
CA	HAROLD BROWN	QUEEN ST. NORTH	CALEDON TOWN ON	
CA	WYNDCLIFFE ESTATES INC. PH. IV	KINGSVIEW DR. HUMBERVIEW HILLS	CALEDON TOWN ON	
PTTW	Caledon Sand & Gravel Inc.	Lot 12	Town of Caledon ON	

Unplottable Report

Site: HAROLD BROWN
QUEEN STREET NORTH CALEDON TOWN ON

Database:
CA

Certificate #: 3-1570-87-
Application Year: 87
Issue Date: 8/31/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: WYNDCLIFFE ESTATES INC. PH. IV
KINGSVIEW DR. HUMBERVIEW HILLS CALEDON TOWN ON

Database:
CA

Certificate #: 7-0613-89-
Application Year: 89
Issue Date: 5/2/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: HAROLD BROWN
QUEEN ST. NORTH CALEDON TOWN ON

Database:
CA

Certificate #: 7-1314-87-
Application Year: 87
Issue Date: 8/31/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: WYNDCLIFFE ESTATES INC. PH. IV
KINGSVIEW DR. HUMBERVIEW HILLS CALEDON TOWN ON

Database:
CA

Certificate #: 3-0690-89-

Application Year: 89
Issue Date: 5/2/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **Caledon Sand & Gravel Inc.**
Lot 12 Town of Caledon ON

Database:
PTTW

EBR Registry No.: IA7E0218
Ministry Ref. No.:
Year: 1997
Proposal Date: 2/17/97
Notice Date:
Notice Type: Instrument
Proponent Address: Caledon Sand & Gravel Inc.Box 470,Bolton, Ontario, L7E 5T4
Instrument Type: OWRA s. 34 - Permit to take water
Location: Town of Caledon
Location Other: Lot 12, Concession 1 E.H.S.

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2017

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-Nov 2016

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

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-May 2017

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 2014

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-May 2017

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Nov 2017

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Oct 2017

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-Aug 2015

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Oct 2017

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-Oct 2017

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Oct 2011-Oct 2017

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

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.

Government Publication Date: Jun 2000-Dec 2017

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 2017

Fuel Storage Tank:

Provincial

FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Jun 2017

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents:

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2017

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2017

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory:**

Federal

NPRI

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

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

Private

OGW

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-Sep 2017**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

Government Publication Date: 1800-Oct 2017**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994-Oct 2017**Canadian Pulp and Paper:**

Private

PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: 1988-Aug 2017

TSSA Pipeline Incidents:

Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Oct 2017

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2017

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-May 2017

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Sep 2017

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all 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.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 31, 2017

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: Mar 31, 2017

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 D

Regulatory Document

Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Shafi Andseta, Ph.D., P.Geo., QP DS Consultants Ltd. 6221 Highway 7, Unit 16 Vaughan, ON. L4H 0K8 Email Address: shafi.andseta@dsconsultants.ca			FOI Request No.	Date Request Received
			Fee Paid <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input checked="" type="checkbox"/> VISA-MC <input type="checkbox"/> CASH	
Telephone/Fax Nos. Tel : (905) 264-9393	Your Project/Reference No. 526-20	Signature of Requester SA February 15, 2018	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 14245 Hwy 50, Caledon / Part of The West Halves of Lots 11 and 12, Concession 7, Town of Caledon				
Present Property Owner(s) and Date(s) of Ownership Windcliffe Developments Inc.				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable) Vacant, Agricultural				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All Years	
Orders			All Years	
Spills			All Years	
Investigations/prosecutions ▶ Owner AND tenant information must be provided			All Years	
Waste Generator number/classes			All Years	
Certificates of Approval ▶ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				1986- present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986- present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present
waste water - industrial discharge				1986- present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986- present
waste systems - PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste				1986- present
pesticides - licenses				1986- present

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

APPENDIX E

Site Photographs

Photograph 1



Location: Phase One Property
Viewing: Northeast
Description: View of the two stockpiles of fill materials stored on the west portion of the Property

Photograph 2



Location: Phase One Property
Viewing: Northwest
Description: View of construction debris left after residential house demolition

Photograph 3



Location: Phase One Property
Viewing: Northeast
Description: Unnamed creek crossing eastern portion of the site

Photograph 4



Location: Adjacent Property
Viewing: East
Description: View of adjoining eastern property from the Phase One Property and a wooded area adjacent to the east of the Phase One Property boundary

Photograph 5



Location: Phase One Property
Viewing: Northwest
Description: View of undeveloped eastern portion of Phase One Property

Photograph 6



Location: Phase One Property
Viewing: North
Description: View of the undeveloped northern portion of Phase One Property

Photograph 7



Location: 14111 Hwy 50
Viewing: Northeast
Description: View of the southern property used by the Recreation and Wellness Caledon Centre

Photograph 8



Location: 14124 Hwy 50
Viewing: West
Description: View of the western property occupied by Motor Home Travel Canada Inc.

Photograph 9



Location: Hwy 50
Viewing: Northwest
Description: View of adjoining western Property occupied by Town of Caledon Parks

Photograph 11



Location: 9130 Columbia Way |
Viewing: Northwest from Columbia Way |
Description: View of St. Michael Catholic
Secondary School adjacent to
the south central Property
boundary |

Photograph 12



Location: 14289 Hwy 50
Viewing: East
Description: View of adjoining
northwestern property
occupied by Albion Autocentre

Photograph 13



Location: Hwy 50
Viewing: North
Description: View of northern Property
occupied by Garden Centre

APPENDIX F

PCA's

POTENTIALLY CONTAMINATING ACTIVITIES (PCA's)

Item	Column A Potentially Contaminating Activity		
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage	30.	Importation of Fill Material of Unknown Quality
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage	31.	Ink Manufacturing, Processing and Bulk Storage
3.	Airstrips and Hangars Operation	32.	Iron and Steel Manufacturing and Processing
4.	Antifreeze and De-icing Manufacturing and Bulk Storage	33.	Metal Treatment, Coating, Plating and Finishing
5.	Asphalt and Bitumen Manufacturing	34.	Metal Fabrication
6.	Battery Manufacturing, Recycling and Bulk Storage	35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage
7.	Boat Manufacturing	36.	Oil Production
8.	Chemical Manufacturing, Processing and Bulk Storage	37.	Operation of Dry Cleaning Equipment (where chemicals are used)
9.	Coal Gasification	38.	Ordnance Use
10.	Commercial Autobody Shops	39.	Paints Manufacturing, Processing and Bulk Storage
11.	Commercial Trucking and Container Terminals	40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
12.	Concrete, Cement and Lime Manufacturing	41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
13.	Cosmetics Manufacturing, Processing and Bulk Storage	42.	Pharmaceutical Manufacturing and Processing
14.	Crude Oil Refining, Processing and Bulk Storage	43.	Plastics (including Fibreglass) Manufacturing and Processing
15.	Discharge of Brine related to oil and gas production	44.	Port Activities, including Operation and Maintenance of Wharves and Docks
16.	Drum and Barrel and Tank Reconditioning and Recycling	45.	Pulp, Paper and Paperboard Manufacturing and Processing
17.	Dye Manufacturing, Processing and Bulk Storage	46.	Rail Yards, Tracks and Spurs
18.	Electricity Generation, Transformation and Power Stations	47.	Rubber Manufacturing and Processing
19.	Electronic and Computer Equipment Manufacturing	48.	Salt Manufacturing, Processing and Bulk Storage
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage	49.	Salvage Yard, including automobile wrecking
21.	Explosives and Firing Range	50.	Soap and Detergent Manufacturing, Processing and Bulk Storage
22.	Fertilizer Manufacturing, Processing and Bulk Storage	51.	Solvent Manufacturing, Processing and Bulk Storage

23.	Fire Retardant Manufacturing, Processing and Bulk Storage	52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
24.	Fire Training	53.	Tannery
25.	Flocculants Manufacturing, Processing and Bulk Storage	54.	Textile Manufacturing and Processing
26.	Foam and Expanded Foam Manufacturing and Processing	55.	Transformer Manufacturing, Processing and Use
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	56.	Treatment of Sewage equal to or greater than 10,000 litres per day
28.	Gasoline and Associated Products Storage in Fixed Tanks	57.	Vehicles and Associated Parts Manufacturing
29.	Glass Manufacturing	58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
		59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

Table 2, schedule D, Ontario Regulation 153/04 (as amended)