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Phase One Environmental Site Assessment

14259 Humber Station Road

Bolton, Ontario

Prepared For:

Argo Humber Station Limited

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Burlington, Ontario

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DS Project No : Job 21-386-100
Date: 2022-09-09

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Executive Summary

DS Consultants Ltd. (DS) was retained by Argo Humber Station Limited (the "Client") to conduct a Phase One Environmental Site Assessment (ESA) of the Property located at 14259 Humber Station Road, Bolton, Ontario, herein referred to as the "Phase One Property" or "Site". DS understands that this Phase One ESA was requested for due diligence purposes associated with the proposed acquisition of the Site, and that this report may be used in the future for RSC filing purposes.

The Phase One Property is an irregular shaped 4.01-hectare (9.91 acres) parcel of land situated within a rural neighbourhood in the Town of Bolton, Ontario. The Phase One Property is located approximately 650 meters north of the intersection of King Street and Humber Station Road. For the purposes of this report, King Street is assumed to be aligned in an east-west orientation, and Humber Station Road in a north-south orientation.

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 objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

The scope of work completed as part of the Phase One ESA included a review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, interviews with available individuals with knowledge of the current and former site activities, an inspection of the Phase One Property and activities on the adjacent properties and an evaluation of the information obtained with respect to potential concerns associated with the activities identified. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

Based on the records reviewed as part of the Phase One ESA, DS presents the following findings:

- According to the records reviewed for the Phase One Property, the site has been used for agricultural purposes since the 1800s. Based on the review of the 1880 County Atlas, the Site was originally developed with a rural homestead which was situated adjacent to a small orchard. These features appear to have been removed by the 1940s. The Site was subsequently developed with a single storey residential building and a barn in the 1970s. These structures were demolished between 2021-2022.

- The topography of the Phase One Property is generally rolling, sloped to the east, with surface elevation varying from 268 metres above sea level (masl) in the western portion to 264 masl in the eastern portion. The topography within the Phase One Study Area generally slopes to the east/southeast, towards the Humber River, located approximately 670 meters northeast of the Phase One Property. The nearest body of water is a tributary of the Humber River located approximately 100 meters to the east. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 4 m to 7 m. The shallow groundwater flow direction within the Phase One Study Area is inferred to be east towards the Humber River.
- The Site is situated within a drumlinized till plain physiographic region. The surficial geology in the vicinity of the Site is described as "glaciolacustrine deposits or shale, which may include clay to silt-textured till". The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. Based on the Ontario Department of Mines Preliminary Map N. 470 and Bolton Bedrock Topography Map 2276, the bedrock underlying the Phase One Property is anticipated at elevations between 183 to 198 masl (600 to 650 ft above sea level). This corresponds to approximately 81 to 90 mbgs.
- Four (4) on-Site potentially contaminating activities were identified on the Phase One Property, including:
    - Inferred application of environmentally persistent pesticides as part of the cultivation of the former orchard on-Site;
    - Former presence of two (2) heating oil aboveground storage tanks in the basement of the former house;
    - Placement of fill material of unknown quality within the footprint of the demolished house; and
    - Placement of fill material of unknown quality within the footprint of the demolished barn.
- A railway line was identified immediately east of the Phase One Property. Due to the close proximity of the railway line, this potentially contaminating activity is considered to be contributing to an APEC on the Phase One Property.
- Additional off-site PCAs were identified, related to records of a fuel oil tank at 14196 Humber Station Road, and a historical PCB transformer oil spill at 14261 Humber Station Road. These PCAs are not considered to be contributing to APECs due to the distance from the Site, and their orientation with respect to the inferred groundwater flow direction.

Based on a review of the information available at this time it is concluded that seven (7) PCAs were identified on the Phase One Property and within the Phase One Study Area, five (5) of which are considered to be contributing to five (5) APECs in, on, or under the Phase One Property. A summary

of the PCAs identified and the associated APECs is provided in Table 1-1 below. Note that the PCA numbers used below are per Table 2, Schedule D of O.Reg. 153/04.

Table E-1: Summary of APECs Identified on Phase One Property

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Northwest of the Site	#28: Gasoline and Associated Products Storage in Fixed Tanks	On Site (PCA-2)	PHCs, BTEX	Soil and groundwater
APEC-2	Entire Site	#40: Pesticides (including herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site (PCA-1)	OCPs, Pb,As, Sb, Se, CN-	Soil
APEC-3	Northwest portion of Site	#30: Importation of Fill Material of Unknown Quality	On Site (PCA-5)	PHCs, PAH, VOCs, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil
APEC-4	Central portion of Site	#30: Importation of Fill Material of Unknown Quality	On Site (PCA-6)	PHCs, PAH, VOCs, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil
APEC-5	East portion of Site	#46: Rail Yards, Tracks and Spurs	Off Site (PCA-3)	PAH, Metals, As, Sb, Se, CN-	Soil and Groundwater

The PCAs identified in Table E-1 above are considered by the Qualified Person (QP) to be contributing to Areas of Potential Environmental Concern on the Phase One Property. The Potential Contaminants of Concern (PCOCs) identified by the QP include metals and hydride-forming metals (antimony, arsenic, barium, beryllium, boron, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, uranium, vanadium and zinc); pH, sodium adsorption ratio (SAR) and electrical conductivity (EC) together referred to as metals and inorganics (M&I), Petroleum Hydrocarbons fractions F1 to F4 (PHCs) including Benzene, Toluene, Ethylbenzene and Xylene

(BTEX), Volatile Organic Compounds (VOCs), Organochlorine pesticides (OCPs) and Polycyclic Aromatic Hydrocarbons (PAHs).

Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA is required in order to investigate the soil and groundwater quality with respect to the aforementioned APECs. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by Argo Humber Station Limited (the "Client") to conduct a Phase One Environmental Site Assessment (ESA) of the Property located at 14259 Humber Station Road, Bolton, Ontario, herein referred to as the "Phase One Property" or "Site". DS understands that this Phase One ESA was requested for due diligence purposes associated with the proposed acquisition of the Site, and that this report may be used in the future for RSC filing purposes.

The intended future residential property use is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended); therefore the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) is not mandated under O.Reg. 153/04.

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 objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

1.1 Phase One Property Information

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

Table 1-1: Phase One Property Information

Criteria	Information	Source
Legal Description	PT LT 12 CON 5 ALBION PT 1, 43R5176; CALEDON	Parcel Register
Property Identification Number (PIN)	321242-0054	Legal Survey
Municipal Address	14259 Humber Station Road, Bolton, Ontario	Legal Survey
Zoning	Other Use	Peel Region 2006 General Use Map
Property Owner	ARGO Humber Station Limited	Parcel Register
Property Owner Contact Information	4900 Palladium Way, Suite 105 Burlington, Ontario Email: anil@agroland.com	Client
Current Site Occupants	Vacant with no remaining structures	Site Reconnaissance

Criteria	Information	Source
Site Area	4.01 hectares (9.91 acres)	Legal Survey Plan
Centroid UTM Coordinates	Zone: 17T Northing: 4858597 Easting: 598260	Google Earth

1.2 Site Description

The Phase One Property is a 4.01-hectare (9.91 acres) parcel of land situated within a rural residential neighbourhood in the Town of Bolton, Ontario. The Phase One Property is located approximately 650 meters north of the intersection of King Road and Humber Station Road. A Site Location Plan depicting the general location of the Phase One Property is provided in Figure 1.

For the purposes of this report, King Street is assumed to be aligned in an east-west orientation, and Humber Station in a north-south orientation. A Plan of Survey for the Phase One Property dated July 25, 1977, and prepared by Ernest Bison, an Ontario Land Surveyor, has been provided under Appendix A.

Access to the site is through a paved driveway off Humber Station Road, on the northwest of the Site. At the time of this investigation there were no remaining structures at the Phase One Property. The Phase One Property was previously developed with a single-storey house and a detached barn. A Site Plan depicting the orientation of the former structures is provided in Figure 2.

2.0 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 reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
  - 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 DS;
  - 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 plans, 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;
- Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
- The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.

- Interviews with available individuals having knowledge of current and/or past site activities;
- An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:
  - The site operations, processes, and waste management currently carried out on the Phase One Property.
  - The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
  - The source of potable water for the Phase One Property and properties within the Phase One Study Area;
  - The potential presence of existing or former above ground or underground fuel storage tanks (ASTs or USTs);
  - Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
  - The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;
  - Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
  - The potential presence of various Designated Substances and building materials including:
    - Friable and non-friable asbestos
    - Urea formaldehyde foam insulation (UFFI)
    - Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
    - PCB-containing materials and electrical equipment
    - Lead-based paint

- Mould
- The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
- General site conditions, including topography and drainage, standing water, right-of-ways, presence of underground utilities, evidence of stained or odorous soils, and stressed vegetation.

- Evaluation of the information and documentation of the results in the form of a Phase One ESA Report.

The objectives of the Phase One ESA are:

1. 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;
2. To identify potentially contaminating activities within the Study Area (i.e., areas within 250 m of the Property), and to assess if Areas of Potential Environmental Concern (APECs) exist on the Phase One Property;
3. To identify the Potential Contaminants of Concern associated with the PCAs identified; and
4. To provide a basis for subsequent investigation, if required, based on the findings of the Phase One ESA.

3.0 Records Review

3.1 General

3.1.1 Phase One Study Area Determination

Based on a review of the available historical records and the observations made during the Phase One Site Reconnaissance, no heavy industrial properties or other relevant potentially contaminating activities were observed which were considered to merit expanding the Phase One Study Area. As such the Phase One Study Area was defined by a 250-meter radius around the Phase One Property boundary, in accordance with O.Reg. 153/04 (as amended).

The properties within 250 m of the Phase One Property generally consist of residential and agricultural land uses. An assessment of the historical and current use of all properties within the Phase One Study Area was conducted in order to assess for the presence/absence of potentially contaminating activities. A summary of the potentially contaminating activities identified within the Phase One Study Area is provided under Section 6.2. A plan depicting the Phase One Study Area limits as well as the current land uses is presented in Figure 3.

3.1.2 First Developed Use Determination

The first developed use of the Phase One Property is considered under O.Reg. 153/04 (as amended) to be either the first use of the Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, or the first potentially contaminating use or activity on the Phase One Property.

The determination of the first developed use of the Phase One Property was based on a review of available aerial photographs, historical maps, fire insurance plans, city directories, and interviews. Based on a review of the 1880 County Atlas, the Site appears to have been developed with a rural homestead prior to 1880.

3.1.3 Fire Insurance Plans

Fire insurance plans were prepared between 1875 and 1923 and revised in some areas until the 1970s. Opta Information Intelligence (Opta) was retained to obtain copies of available FIPs for the Site and adjoining properties, as well as Property Underwriter's Reports (PURs) and Property Underwriter's Plans (PUPs) related to the Site. Opta responded, indicating that there were no records available for the Site. A copy of the Opta response is provided under Appendix B.

3.1.4 Chain of Title

A chain of title was conducted for the Phase One Property and a copy of the chain of title documents and parcel register are included in Appendix C.

Chain of title records indicate that the Phase One Property was part of 100 acres parcel obtained by Albert Finch from the crown in 1824. The property was transferred through several individuals and families and there is no indication that the previous owners conducted any potential contaminating active at the Site. Details of the current and past owner are present in Appendix H.

Based on the parcel register the current owner of the Phase One Property is Argo Humber Station Limited and, acquired the property from Clementina Di Leo in November 2021.

3.1.5 Environmental Reports

The following Environmental report was available for review:

- *"Phase I Environmental Site Assessment, 14259 Humber Station Road, Bolton, Ontario"* prepared for Argo Humber Station Limited, prepared by DS Consultants Ltd., dated November 03,2021. (2021 DS Phase I ESA)

2021 DS Phase I ESA

This 2021 DS Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) for a potential property acquisition. The following information was obtained from the report

- The Site has been used for agricultural purposes since the 1800s
- A railway line is located immediately east of the Phase I Property
- Two (2) ASTs were identified in the basement of the residential house. The tanks were observed to be in fair condition, there was no visual or olfactory indicators of leaks in the vicinity of the tanks.
- The house was also heated a fireplace which was in the basement.
- The neighboring properties appear to have been used for mixed agricultural and residential purposes since the 1880.
- Based on the age of the site building, which was possibly constructed in the early 1970s, there is a potential for asbestos containing materials, lead pipes/paint and PCB containing equipment within the Site building.

3.1.6 City Directories

The Environmental Risk Information Services (ERIS) was requested to perform a City Directory for the all the properties within the Phase One Study area. ERIS conducted a search of the Polk's Halton Peel Regions Ont., Criss Cross Directory (TRL) from 1961 to 2001.

The City Directory search indicated that the Phase One Property is not listed in the directories. The property with the address 14091 Humber Station Road is listed in the 2001 directory as a trucking and transportation business. This property is over 300 m south of the Site.

A complete summary of the City Directory listings reviewed has been included under Appendix D.

3.2 Environmental Source Information

3.2.1 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.

DS 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. A summary of the databases provide by ERIS is provided in the Table below:

Table 3-1: Summary of Environmental Databases Reviewed

Federal Government Source Databases	Private 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 Defense & Canadian Forces Spills; National Defense & 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.	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.
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; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	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; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were no listings for the Phase One Property, and twelve (12) listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix E.

A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Table below:

Table 3-2: Summary of ERIS Report Findings within Phase One Property

Database/Date	Entry Details	PCA ID No.
Commercial Fuel Oil Tanks (CFOT)	A single wall UST with fuel oil was identified at a property approximately 59 meters southwest of the site at 14196 Humber Station Road, Bolton. The date of installation was 2006. The tank seemed to be registered to a private individual.	PCA-4
Delisted Fuel Storage Tank (DTNK)	A single wall UST with fuel oil was identified at a property approximately 59 meters southwest of the site at 14196 Humber Station Road, Bolton. Date of installation is 2006. The tank seemed to be registered to a private individual.	PCA-4
Ontario Spills (SPL)	Hydro One Networks Inc. spilled a small amount (30 liters) of PCBs transformer oil into a soil ditch reportedly resulting in soil contamination and surface water pollution in 2012, at 14361 Humber Station Road, approximately 243 meters west from the Phase One Property.	PCA-7
Water Well Information System (WWIS)	Nine (9) results corresponding to domestic supply wells were identified within the Phase One Study Area.	No PCA

3.2.2 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office (Appendix B) to determine if there were any environmental incidents or violations associated with the Phase One 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 MECP 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 MECP; 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.

3.2.3 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. The following addresses within the study area were searched:

- 14259 Humber Station Road
- 14166 Humber Station Road
- 14196 Humber Station Road
- 14206 Humber Station Road
- 14226 Humber Station Road
- 14275 Humber Station Road
- 14287 Humber Station Road
- 14361 Humber Station Road
- 14305 Humber Station Road

According to the response received on August 15, 2022 from Ms. Kim of TSSA, the following records were identified on the Phase One Property and properties located in the Study Area:

Table 3-3: Summary of TSSA records

Inst Number	Context	Address	Status	PCA ID No.
45564626	FS Fuel Oil Tank	14196 Humber Station Road, Bolton, Ontario, L7E 5S1	Active	PCA-4

A copy of the correspondence with the TSSA has been appended under Appendix B.

3.2.4 Areas of Natural and Scientific Interest

The Natural Heritage Areas database published by the Ministry of Natural Resources (MNR) was reviewed in order to identify the presence/absence of areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands, environmentally significant areas, habitats of threatened or endangered species, and wilderness areas. The regional and municipal Official Plans (Town of Caledon Official Plans and Toronto Region Conservation Authority) were also reviewed as part of this assessment.

No areas of natural or scientific interest were identified within the Phase One Study Area. However, according to the Ministry of Natural Resources and Forestry online mapping system, a natural heritage system (NHS) is located on the east adjacent property and is associated with the Greenbelt within Peel Region. As well, there is a provincially significant wetland located at the southeast corner of the Property, and a larger provincially significant wetland located approximately 105 meters southeast of the Property.

Interactive Maps from National Resources Canada indicated that a water creek is located on the north portion of the Site and a pond on the southeast portion of the Site. This creek and pond are not observed at the Site and is not presented in Ontario Geological Survey maps, Ontario Ministry of Natural Resources and Forestry maps and the Town of Caledon's mapping application.

3.2.5 Toronto Region and Conservation Authority (TRCA)

According to the TRCA online mapping system, a TRCA Conceptual Regulated Area is present on the east adjacent property at the northeast corner of the Site, as well as the southeast corner of the Property. The Phase One Property is located in the Humber River watershed.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

The County Atlas of Peel Region was reviewed in order to provide a more historical image from the year 1880. Aerial Photographs for the years 1946, 1964, 1974, and 1988 were obtained from Ecolog ERIS and reviewed as part of this assessment. Google Earth was used to review satellite imagery from the years 2004, 2015 and, 2021. A summary of pertinent information obtained from the aerial photographs reviewed is presented in the Table below. The supporting documents have been appended under Appendix F.

Table 3-4: Summary of Aerial Photographs

Location	Observations	PCA ID No.
1880		
Phase One Property	According to the Peel County Atlas of 1880, the Phase One Property was owned by Mrs. Mary Copeland. The orchard appears to be located on the southeast portion of the Site. An inferred residential homestead is visible adjacent to the orchard.	PCA-1
North of the Site	The north neighbouring properties appears to have been used for agricultural purposes and appear to include an orchard.	No PCA
South of the Site	The south neighbouring properties appears to have been used for agricultural purposes.	No PCA
East of the Site	The east neighbouring properties appears to have been used for agricultural purposes.	No PCA
West of the Site	Roadway is adjacent to the Site followed by properties that appears to have been used for agricultural purposes.	No PCA
1946		
Phase One Property	The rural homestead and orchard depicted in the 1880 County Atlas are no longer present.	No PCA
North of the Site	Appears to be used for agricultural purpose, the Orchard is not visible	No PCA
South of the Site	No significant change	No PCA
East of Site	Railway tracks can be seen immediately to the east of the Property.	PCA-3
West of the Site	No significant changes.	No PCA
1964		
Phase One Property	A small pond appears to be present on the southeast corner of the Site	No PCA
North of the Site	No significant change.	No PCA
South and East of Site	It appears a shallow open water body is present on the property and a marsh wetland adjacent to the railway.	PCA-3
West of the Site	No significant changes.	No PCA
1974		
Phase One Property	No significant change	No PCA

Location	Observations	PCA ID No.
North of the Site	There appears to be a residential dwelling developed at the northwest adjacent property.	No PCA
South of the Site	No significant changes.	No PCA
West of the Site	A few residential dwellings appear to have been constructed to the southwest of the Property, across the road.	No PCA
East of the Site	No significant changes.	No PCA
1988		
Phase One Property	The barn appears to be central portion of the Site. The former house appears to be visible, however the resolution of the aerial photograph is relatively poor.	No PCA
North of the Site	No significant changes.	No PCA
South of the Site	Several rural residential homes and other structures appeared to have been constructed on the south adjacent properties along the Humber Station Road	No PCA
West of the Site	More residential dwellings appear to have been added to the southwest of the Property, across the road. A man-made pond is visible on the adjacent residential property.	No PCA
East of the Site	No significant changes.	No PCA
2004		
Phase One Property	The former house and barn are clearly visible in the satellite image. The surrounding lands appear to be used for agricultural purposes.	No PCA
North of the Site	It appears as that additional residential developments have occurred to the north.	No PCA
South, East, West of the Site	No significant changes.	No PCA
2015, 2021		
Phase One Property	No significant changes. The undeveloped portions of the Phase One Property do not appear to be actively cultivated in the photographs.	No PCA
North, South, East, West of the Site	No significant changes.	No PCA

3.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally rolling, sloped to the east, with surface elevation varying from 268 metres above sea level (masl) in the western portion to 264 masl in the eastern portion. The topography within the Phase One Study Area generally slopes to the east/southeast, towards the Humber River, located approximately 670 m northeast of the Phase One Property. The nearest body of water is a tributary of the Humber River, located approximately 100 m east of the Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 4 m to 7 m. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southeast towards the Humber River.

The Site is situated within a drumlinized till plain physiographic region. The surficial geology in the vicinity of the Site is described as “glaciolacustrine deposits or shale, which may include clay to silt-textured till”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. Based on the Ontario Department of Mines Preliminary Map N. 470 and Bolton Bedrock Topography Map 2276, the bedrock underlying the

Phase One Property is anticipated at elevations between 183 to 198 masl (600 to 650 ft above sea level). This corresponds to approximately 81 to 90 mbgs.

3.3.3 Fill Materials

There is potential that fill material of unknown quality is located at the location of the former residential building and barn at the Phase One Property.

3.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was not observed on the Property. The nearest body of water to the Phase One Property is a tributary of the Humber River located approximately 100 m 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.

According to the Ministry of Natural Resources and Forestry online mapping system, a natural heritage system (NHS) is located on the east adjacent property and is associated with the Greenbelt within Peel Region. As well, there is a provincially significant wetland located at the southeast corner of the site, and a larger provincially significant wetland located approximately 105 m southeast of the Property. The NHS is associated with the Humber River and the Peel Region Greenbelt.

The Property includes no Areas of Natural Significance. Additional details are provided in Section 3.2.4 above.

3.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. Seven (7) domestic supply wells were identified in the Phase One Study Area.

Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix E.

3.4 Site Operating Records

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

4.0 Interviews

4.1 Personnel Interviewed

The following persons with the knowledge of the Property were interviewed or provided the required information.

Table 4-1: Summary of Personnel Interviewed

Date	Name	Affiliation	Position	Method of Interview
September 2, 2022	Anil Datt	Employee	Development Coordinator	Email

4.2 Interviewee Rationale

Mr. Datt is considered to be the most knowledgeable person regarding the historical site operations. The Phase One Interview was conducted by Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

4.3 Results of Interview

The following summarizes the information that was provided by the site representative, based on their knowledge of site activities.

- The Phase One Property has been owned by Agro Land Station Limited since November 17, 2021.
- The property is currently farmland and previously contained a residential dwelling and a barn house for animals.
- There was an above ground storage tank (AST) in the basement and was removed during the demolition of the residential property.
- Mr. Datt is not aware of any use of pesticides/herbicides on the property.
- No hazardous materials have been stored on the Phase One Property.
- The residential well and septic tank was decommissioned during the demolition process.
- Mr. Datt is not aware of any fill material on the property.
- No chemical spills or fires occurred on the property and/or incidents that could affect the environmental quality.

DS compared the information obtained through the Phase One Interview with the information obtained from the historical records for the Site. The information provided by the interviewee was corroborated by the historical records, as such DS has no concern regarding the accuracy of the information provided.

5.0 Site Reconnaissance

5.1 General Requirements

Table 5-1: Site Reconnaissance Notes

Information	Details
Date of Investigation:	August 16, 2022
Time of Investigation:	12:00 pm
Weather Conditions:	Sunny, 25 Degree Celsius
Duration of Investigation:	2 hours
Facility Operation:	Farmland
Name and Qualification of Person(s) conducting the assessment	Norina Paolucci under the supervision of Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Limitations	No limitations

5.2 Specific Observations at Phase One Property

The Site Reconnaissance involved a visual assessment of the Phase One Property for the purpose of identifying potential PCAs, and associated APECs. Photographs of the Phase One Property were taken at the time of the Site Reconnaissance and have been included under Appendix G.

Table 5-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	No structures were observed at the time of this investigation
ii.	Description of the number, age and depth of below-ground structures	None Observed
iii.	Details of all tanks, above and below ground at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	None Observed.
iv.	Potable and non-potable water sources	None Observed.
Underground Utilities and Corridors		
i.	Type and location of underground utility and service corridors, such as sewer, water, electrical or gas lines located on, in or under the Phase One Property.	None Observed.
Features of Structures and Buildings at the Phase One Property		
i.	Entry and exit points	The driveway facing Humber Station Road is the entry and exit point.

ii.	Details of existing and former heating systems, including type and fuel source	None Observed. Reportedly a former residential building on the northwest portion of the site has two (2) ASTs.
iii.	Details of cooling systems, including type and fuel source, if any	None observed.
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	None observed.
v.	Details of any unidentified substances	None Observed.
vi.	Details, including locations of stains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	None Observed.
vii.	Details, including locations, of current and former wells, including all wells described or defined in or under the *Ontario Water Resources Act* and the *Oil, Gas and Salt Resources Act*	None Observed.
viii.	Details of sewage works, including their location	None Observed.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	A paved driveway is present at the entrance of the property and the ground surface was covered in cover crops for agricultural purposes.
x.	Details of current or former railway lines or spurs and their locations	Railway tracks were identified adjacent to the east of the Phase One Property.
xi.	Areas of stained soil, vegetation or pavement	The property was covered in agricultural crops except for the driveway.
xii.	Stressed vegetation	The vicinity of the residential and barn structures contained stressed vegetation and did not grow any crops in the vicinity.
xiii.	Areas where fill and debris materials appear to have been placed or graded	Evidence of fill material was present where the prior barn and house were located.
xiv.	Potentially contaminating activity	The AST tanks in the basement of the former residential house (PCA-2). The presence of railway tracks along the east property boundary (PCA-3). The presence of fill at the location of the former residential building and house (PCA-5). The potential presence of fill at the location of the former barn (PCA-6).
xv.	Details of any unidentified substances found at the Phase One Property	None Observed.
Hazardous Materials		
i.	Asbestos containing materials	Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. There is no building at the Phase One Property. Hence, asbestos containing material is not anticipated.

ii.	Lead containing materials	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. Lead containing pipes and paint are not anticipated as there is no building at the Phase One Property.
iii.	PCB materials and equipment	Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. PCB material or equipment is not anticipated as there is no building at the Phase One Property.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. UFFI is not anticipated as there is no building at the Phase One Property.
v.	Ozone Depleting Substances (ODS)	None observed.
vi.	Herbicides and Pesticides	None observed.
vii.	Mould	Not anticipated as there is no building at the Phase One Property.
viii.	Mercury	Based on the age of the building, there is potential for mercury to be present in fluorescent lights observed in the building. Mercury with small quantity could be present inside the electrical switches or thermostats observed in the units of the building. A designated substances survey is recommended prior to demolition of the buildings.
ix.	acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	None observed.
x.	Pits and Lagoons	None observed.
xi.	Air Emissions	None observed.
xii.	Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.

5.3 Written Description of Investigation

The site reconnaissance included a visual inspection of 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.

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily a rural neighbourhood with active farmland as described in the table below:

Table 5-3: Summary of Site Reconnaissance Observations within Phase One Study Area

Observation	Details
Phase One Property	The Phase One Property was an agricultural field at the time of the site reconnaissance.

Observation	Details
North Adjacent Property	The north adjacent Property is an agricultural field.
East Adjacent Property	The east neighbouring properties were agricultural fields and railway tracks were observed immediate east of the Site.
South Adjacent Property	The south neighbouring properties were agricultural fields, at the time of the site reconnaissance.
West Adjacent Property	The west neighbouring properties were used for residential purposes. ASTs used for the inferred storage of propane were observed. Based on the gaseous nature of the propane this is not considered to be a PCA.
Water Bodies	A pond associated with marshland is located on the southeast portion of the property .
Areas of Natural Significance	The Phase One Property and Study Area is not listed as an ANSI site.

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix G.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, chain of title, city directories and conversations with the site representative. Summary of Current and Past Uses of the Phase One Property is presented in the Appendix H.

6.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may be contributing to areas of potential environmental concern on the Phase One Property. The PCAs identified on the Phase One Property and within the Phase One Study Areas are summarized in the table below and are illustrated on Figure 4.

Table 6-1: Summary of PCAs

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-1	#40: Pesticides (including herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.	Inferred large scale application of pesticides on the Phase One Property associated with the historical orchard	Yes-APEC 2
PCA-2	#28: Gasoline and associated products storage in fixed tanks	Historically, two (2) above ground storage tank (AST) was observed in the basement of the former residential house on the northwest portion of the Site.	Yes – APEC 1

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-3	#46: Rail Yards, Tracks and Spurs	Railway tracks are adjacent to the east of the Phase One Property.	Yes – APEC 5
PCA-4	#28: Gasoline and associated products storage in fixed tanks	Approximately 59 meters southwest of the Phase One property, a fuel oil tank is present at property 14196 Humber Station Road.	No- property is downgradient relative to the inferred direction of groundwater flow
PCA-5	#30: Importation of Fill Material of Unknown Quality	Observed during the site reconnaissance, the Phase One Property residential dwelling had been demolished and the basement backfilled with fill material	Yes- APEC 3
PCA - 6	#30: Importation of Fill Material of Unknown Quality	Observed during the site reconnaissance, the Phase One Property barn had been demolished and replaced with fill material.	Yes- APEC 4
PCA-7	#Others: Spill of Transformer oil	Approximately 30 liters of PCB transformer oil fluid spilled onto a soil/ditch causing soil and surface water pollution location at 14261 Humber Station Road approximately 243 meters west from Site.	No- Due to the amount and not in close proximity to inferred ground direction flow.

#Others: - not specified in Table 2, Schedule D, of O.Reg. 153/04

6.3 Areas of Potential Environmental Concern

The table of APECs presented in the form as approved by the Director is provided below, in accordance with clause 16(2)(a), Schedule D, O.Reg. 153/04.

Table 6-2: Summary of APECs

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Northwest of the Site	#28: Gasoline and Associated Products Storage in Fixed Tanks	On Site (PCA-2)	PHCs, BTEX, PAHs	Soil and groundwater
APEC-2	Entire Site	#40: Pesticides (including herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site (PCA-1)	OCPs, Metals, As, Sb, Se, CN-	Soil
APEC-3	Northwest portion of Site	#30: Importation of Fill Material of Unknown Quality	On Site (PCA-5)	PHCs, PAHs, BTEX, Metals, As, Sb, Se, B-	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
				HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	
APEC-4	Central portion of Site	#30: Importation of Fill Material of Unknown Quality	On Site (PCA-6)	PHCs, PAHs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil
APEC-5	East portion of Site	#46: Rail Yards, Tracks and Spurs	Off Site (PCA-3)	PAHs, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil and Groundwater

The rationale used by the QP in assessing the information obtained through the course of this investigation to determine whether PCAs exist and/or are contributing to an APEC on the Phase One Property has been provided in the proceeding sections. In general, the potential for a PCA to be contributing to an APEC on the Phase One Property was assessed using the likelihood of the source to contaminate the Phase One Property, the possibility of the contaminants to migrate to the Phase One Property based on the hydraulic and geologic conditions, and the inherent properties of the contaminants of concern.

The contaminants of potential concern were determined based on the professional experience of the QP, common industry standards, literature reviews, and the inherent properties of the contaminant.

This investigation was conducted based on the assumption that all information provided to DS was factual and accurate. DS is not aware of any uncertainty factors which would affect the conclusions of this investigation.

6.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at 14259 Humber Station Road, Bolton, Ontario. The Phase One Conceptual Site Model is presented in Figures 3, 4, and 5 which visually depict the following:

- Any existing buildings and structures
- Water bodies located in whole, or in part, on the Phase One Study Area
- Areas of natural significance located in whole, or in part, on the Phase One Study Area
- Water wells at the Phase One Property or within the Phase One Study Area
- Roads, including names, within the Phase One Study Area
- Uses of properties adjacent to the Phase One Property
- Areas where any PCAs have occurred, including location of any tanks
- Areas of Potential Environmental Concern

6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 3B and discussed in Section 6.2 above. The PCAs which are considered to contribute to APECs on, in or under the Phase One Property are summarized in the table below:

Table 6-3: Summary of PCAs Contributing to APECs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
1	#40: Pesticides (including herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Inferred large scale application of pesticides on the Phase One Property for a previous orchard at the Phase One Property	PCA is on-Site
2	#28: Gasoline and associated products storage in fixed tanks	Historically, the former residential dwelling at the Site contained, two (2) ASTs in the basement.	PCA is on-Site
3	#46: Rail Yards, Tracks and Spurs	Railway tracks are adjacent to the east of the Phase One Property.	PCA is adjacent to the Phase One Property.
5	#30: Importation of Fill Material of Unknown Quality	Observed during the site reconnaissance, the Phase One Property residential dwelling had been demolished and the basement backfilled with fill material.	PCA is on-Site
7	#30: Importation of Fill Material of Unknown Quality	Observed during the site reconnaissance, the Phase One Property barn had been demolished and backfilled with fill material.	PCA is on-Site

N/S - not specified in Table 2, Schedule D, of O.Reg. 153/04

6.4.2 Contaminants of Potential Concern

A summary of the contaminants of potential concern identified for each respective APEC is presented in Table 6-1 above. The following contaminants of potential concern were identified for the Phase One Property: PHCs, VOCs, BTEX, PAHs, OCPs, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR -.

6.4.3 Underground Utilities and Contaminant Distribution and Transport

Underground utilities can affect contaminant distribution and transport. Trenches excavated to install utility services, and the associated granular backfill may provide preferential pathways for horizontal contaminant migration in the shallow subsurface. Given the rural nature of the property, it is inferred that the former utility services included underground water lines associated with the domestic well, and a septic system.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally rolling, sloped to the east, with surface elevation varying from 268 metres above sea level (masl) in the western portion to 264 masl in the eastern portion. The topography within the Phase One Study Area generally slopes to the east/southeast, towards the Humber River, located approximately 670m northeast of the Phase One Property. The nearest body of water is a tributary of the Humber River, located approximately 100m east of the Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 4 m to 7 m. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southeast towards the Humber River.

The Site is situated within a drumlinized till plain physiographic region. The surficial geology in the vicinity of the Site is described as “glaciolacustrine deposits or shale, which may include clay to silt-textured till”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenstown Formation. Based on the Ontario Department of Mines Preliminary Map N. 470 and Bolton Bedrock Topography Map 2276, the bedrock underlying the Phase One Property is anticipated at elevations between 183 to 198 masl (600 to 650 ft above sea level). This corresponds to approximately 81 to 90 mbgs.

6.4.5 Uncertainty and Absence of Information

DS has relied upon information obtained from federal, provincial, municipal, and private databases, in addition to records and summaries provided by EcoLog ERIS. All information obtained was reviewed and assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion

of this report, with the exception of the MECP FOI request. If the MECP FOI request produces information which may alter the conclusions of this report, an addendum will be provided to the Client. This report reflects the best judgement of DS based on the information available at the time of the investigation.

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.

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.

7.0 Conclusions

DS conducted a Phase One ESA for the property located at 14259 Humber Station Road, Bolton, Ontario. 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 objective of the Phase One ESA was to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

Based on the information obtained as part of this investigation, it is concluded that seven (7) PCAs were identified within the Phase One Study Area, five of which are considered to be contributing to five (5) APECs on, in or under the Phase One Property.

7.1 Phase Two Environmental Site Assessment Requirement

Further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

7.2 RSC Based on Phase One Environmental Site Assessment

Record of Site Condition cannot be filed on the basis of the Phase One ESA due to the identification of Areas of Potential Environmental Concern on the Phase One Property.

7.3 Limitations

This report was prepared for the sole use of Argo Humber Station Limited and is intended to provide an assessment of the environmental condition on the property located at 14259 Humber Station Road, Bolton, Ontario. 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' 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.

7.4 Qualifications of the Assessors

Norina Paolucci, BES., EPt

Ms. Norina Paolucci is an environmental technician with DS Consultants Ltd. Norina holds a bachelor's degree in Environmental Resources from Trent University. Norina is a current member of Eco Canada, Environmental Person in Training (EPt). Norina has successfully completed a Phase One and Phase Two Environmental Site Assessments course with Associated Environmental Site Assessor of Canada INC (ASEAC) and has experience in conducting Phase One and Two Environmental Site Assessments, soil, and groundwater sampling.

Efuange Khumbah, M.Sc.

Efuange is a Senior Project Manager, providing environmental services at DS Consultants Ltd. He is a registered professional engineer, in the provinces of Ontario. With over 13 years working for the public and private sectors, Efuange has experience serving clients in constructional, financial institutions, insurance companies, legal firms, manufacturing industries, oil/gas/petrochemical as well as municipal, provincial and federal agencies. In Canada he has managed projects in British Columbia, Alberta, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, and Newfound land. His area of expertise includes, environmental site assessment, soil and groundwater remediation, litigation support, excess soil management, senior review of environmental reports, and air quality monitoring. Reports prepared by Efuange have been published by the Town of Newmarket, City of Mississauga, and the Ontario Ministry of Environment Conservation and Parks. Efuange hold a M.Sc. degree in Environmental Science and Resource management.

Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP_{ESA}

Mr. Fioravanti is the Manager of Environmental Services with DS Consultants Limited. Patrick holds an Honours Bachelor of Science with distinction in Toxicology from the University of Guelph and is a practicing member of the Association of Professional Geoscientists of Ontario (APGO). Patrick has

over ten years of environmental consulting experience and has conducted and/or managed hundreds of projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

7.5 Signatures

DS Consultants Ltd. conducted this Phase One Environmental Site Assessment and confirms the findings and conclusions contained within this report.

Yours truly,

DS Consultants Ltd.

Norina Paolucci, BES., EPt.
Environmental Technician

Efuange Khumbah, M. Sc., P. Eng.
Senior Environmental Project Manager

Rick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Manager – Environmental Services

8.0 References

- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toporama http://atlas.gc.ca/toporama/en/index.html
- 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
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plan 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 Environment, Conservation and Parks-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 Ontario Base Map
- City Directories from 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (Ecolog ERIS Report)

Figures

C:\0Sharon\21-386-100 14259 Humber Station Road\1-QGIS\Phase One\Figure 1 - Site Location Plan.qgs Sep-07 16:58

Legend

Approx Property Boundary

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Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
14259 Humber Station Road, Bolton, ON

Title: **SITE LOCATION PLAN**

N

Client: ARGO HUMBER STATION LIMITED

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	S.Y / P.P.	September 2022
Rev: 0	Scale: As Shown	Project No.: 21-386-100	Figure No.: 1

Image/Map Source: *Google Street Map*

C:\0Sharon\21-386-100 14259 Humber Station Road\1-QGIS\Phase One\Figure 2 - Phase One Property Site Plan.qgs Sep-07 16:05

Legend

Approx Property Boundary

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
14259 Humber Station Road, Bolton, ON

Title: **PHASE ONE PROPERTY SITE PLAN**

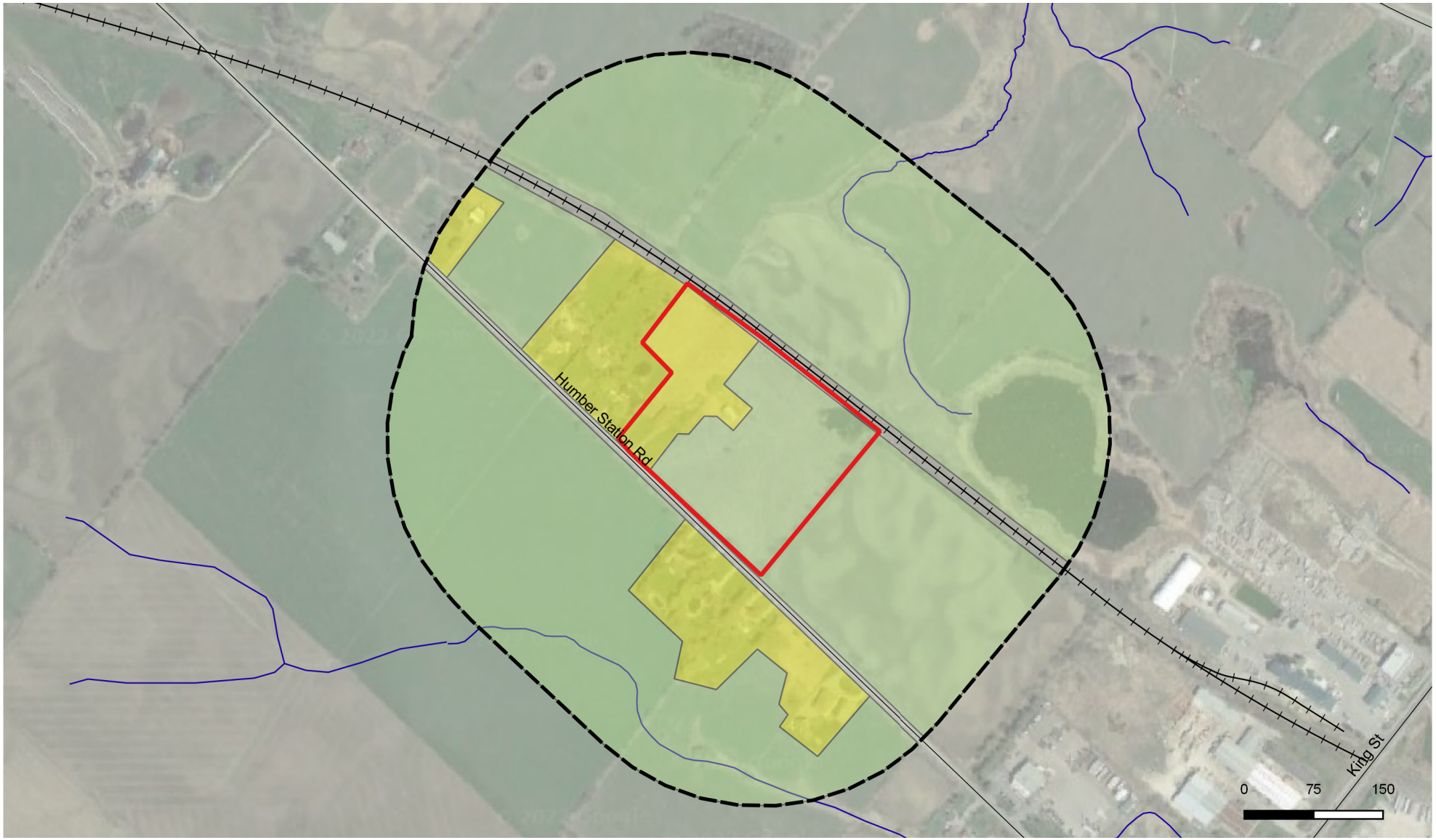
N

Client: ARGO HUMBER STATION LIMITED

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P/S.Y	September 2022
Rev: 0	Scale: As Shown	Project No.: 21-386-100	Figure No.: 2

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-386-100 14259 Humber Station Road\1-QGIS\Phase One\Figure 3 - Phase One Study Area.qgs Sep-07 17:07



Legend

- Approx Property Boundary
- Phase One Study Area
- Residential
- Agricultural

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO HUMBER STATION LIMITED

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
14259 Humber Station Road, Bolton, ON

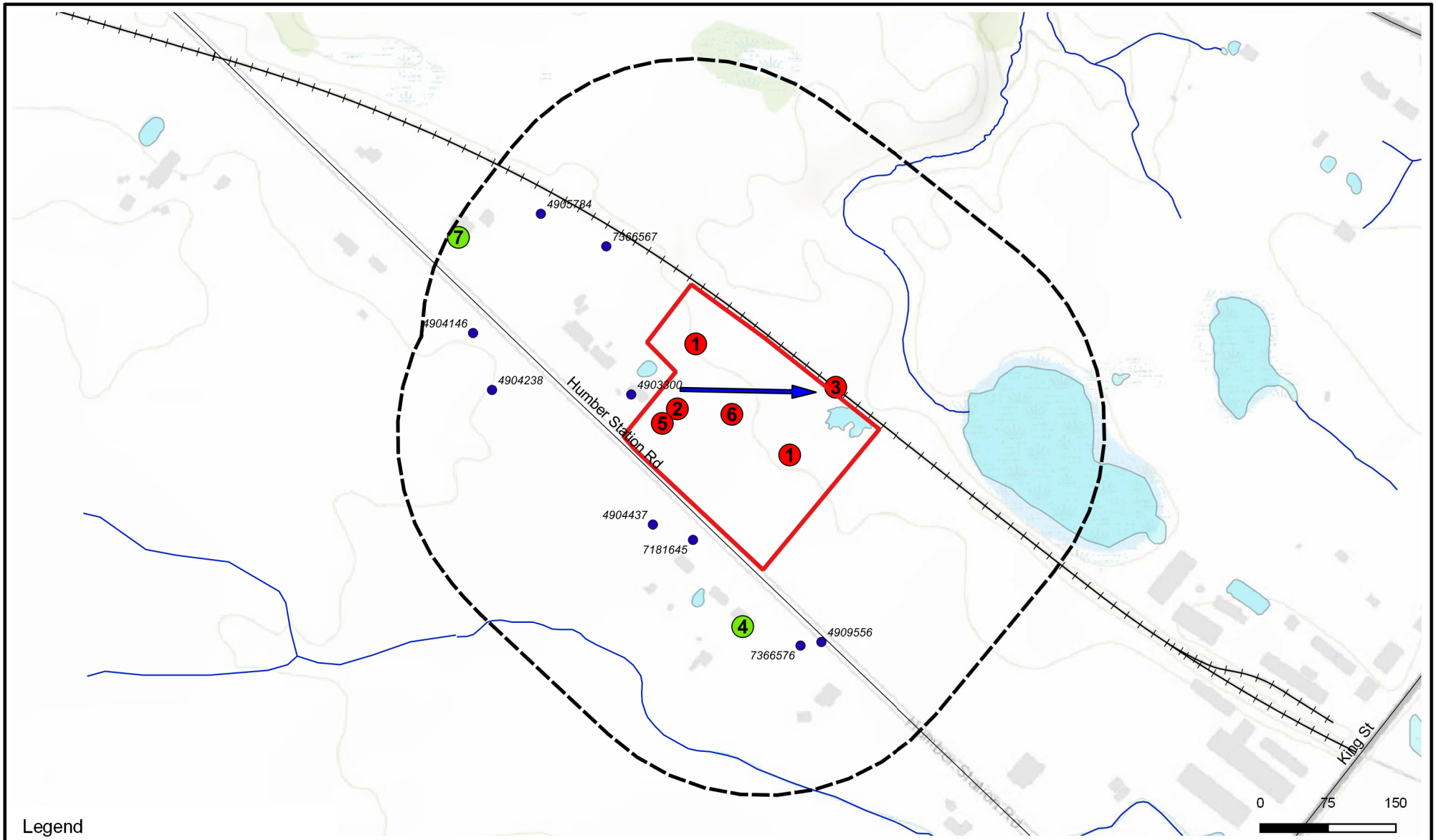
Title: **PHASE ONE STUDY AREA**

N

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P/S.Y	September 2022
Rev: 0	Scale: As Shown	Project No.: 21-386-100	Figure No.: 3

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-386-100 14259 Humber Station Road\1-QGIS\Phase One\Figure 4 - PCA within Phase One Study Area.qgs Sep-09 12:23



Legend

- Approx Property Boundary
- Phase One Study Area
- PCA not contributing to APEC
- PCA contributing to APEC
- Registered Water Well (MECP WWR)
- Inferred Groundwater Flow Direction

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO HUMBER STATION LIMITED

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
14259 Humber Station Road, Bolton, ON

Title: **PCAs WITHIN PHASE ONE STUDY AREA**

N

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P/S.Y	September 2022
Rev: 0	Scale: As Shown	Project No.: 21-386-100	Figure No.: 4

Image/Map Source: *Esri Topo Image*

C:\0Sharon\21-386-100 14259 Humber Station Road\1-QGIS\Phase One\Figure 5 - Summary of APECs in Phase One Study Area.qgs Sep-07 17:17

Legend

- Approx Property Boundary
- APEC-1 & 3
- APEC-2
- APEC-4
- APEC 5

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO HUMBER STATION LIMITED

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
14259 Humber Station Road, Bolton, ON

Title: **SUMMARY OF APECs ON THE PHASE ONE PROPERTY**

N

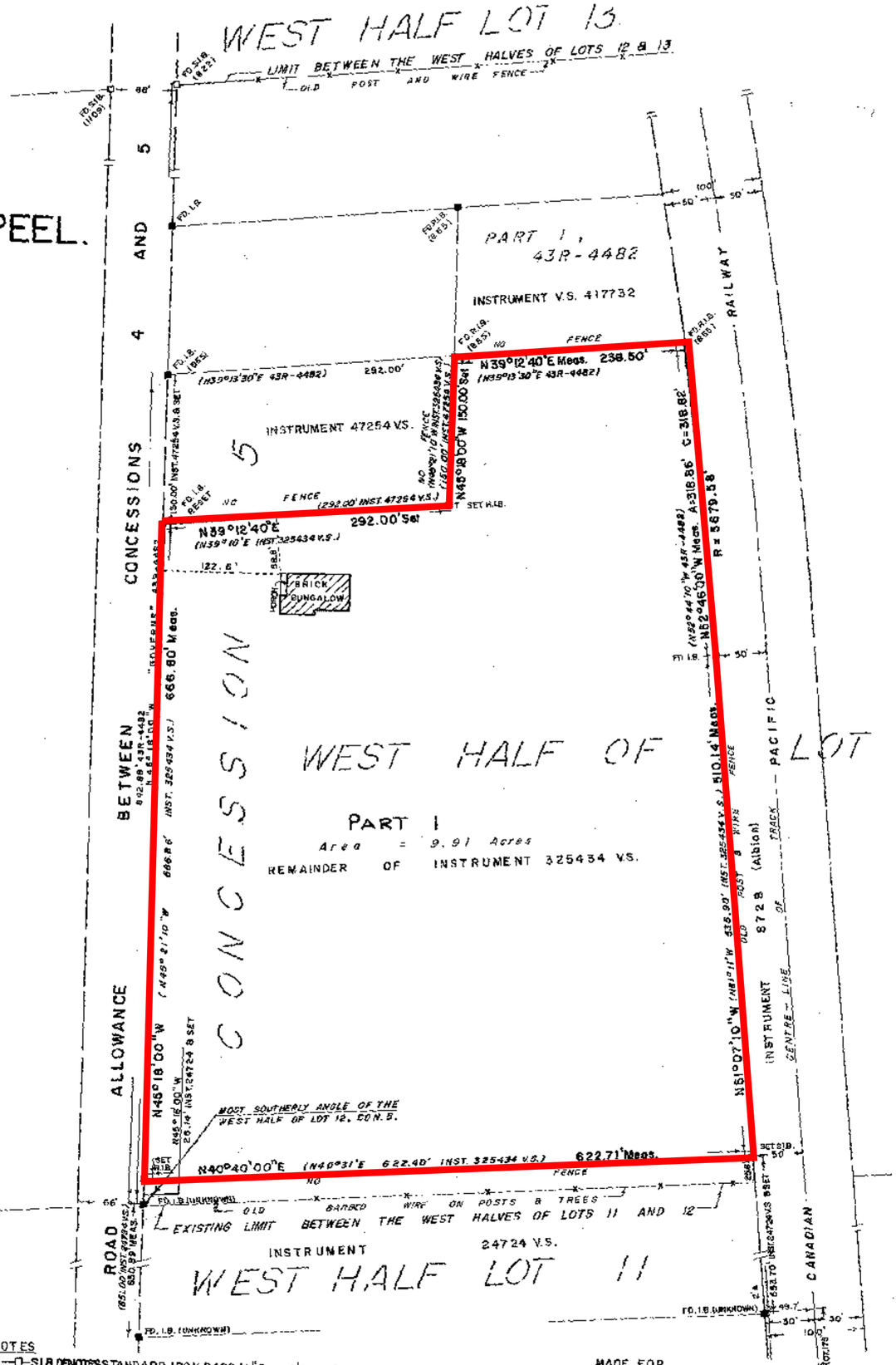
Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P/S.Y	September 2022
Rev: 0	Scale: As Shown	Project No.: 21-386-100	Figure No.: **5**

Image/Map Source: *Google Satellite Image*

Appendix A

PLAN OF SURVEY SHOWING PART OF
THE WEST HALF OF LOT 12, CONCESSION 5,
FORMERLY IN THE TOWNSHIP OF ALBION,
COUNTY OF PEEL, NOW IN THE
TOWN OF CALEDON,
REGIONAL MUNICIPALITY OF PEEL.
SCALE : 1" = 100'
1977

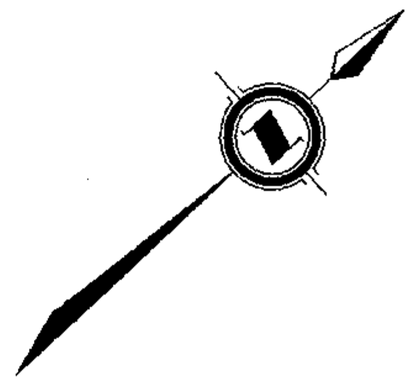
SCHEDULE 'B'



DEPOSITED UNDER PART II OF THE REGISTRY ACT
DATE JULY 26, 1977
ERNEST BIASON
ONTARIO LAND SURVEYOR

PLAN 43-R-5176
DATE 26 July 1977
LAND REGISTRAR FOR THE REGISTRY DIVISION OF PEEL (No 43)
2-37 on

"CAUTION
THIS PLAN IS NOT A PLAN OF SUBDIVISION WITHIN THE MEANING OF SECTION 29, 32 OR 33 OF THE PLANNING ACT"



BEARING NOTE
BEARINGS SHOWN HEREON ARE ASSUMED ASTRONOMIC AND ARE REFERRED TO THE N45°18'00"W OF THE NORTHEASTERLY LIMIT OF THE ROAD ALLOWANCE BETWEEN CONCESSIONS 4 AND 5, FRONTING ON THE WEST HALF OF LOT 12, CONCESSION 5, AS SHOWN ON 43R-4482.

NOTES
1) —□— S.I.B. DENOTES STANDARD IRON BARS (1"Sq. x 4' Long)
2) —■— I.B. DENOTES 5/8" SQUARE IRON BARS
3) —■— R.I.B. DENOTES 3/4" DIAMETER ROUND IRON BARS.
4) FD. DENOTES FOUND.
5) ALL HANGING LINES SHOWN ON THIS PLAN HAVE BEEN VERIFIED.

MADE FOR
ALOI BROS. LIMITED,
842 WILSON AVENUE,
DOWNSVIEW, ONTARIO.
ATTN.: MR. MARIO PREZ

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT
1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT AND THE REGISTRY ACT AND THE REGULATIONS MADE THEREUNDER.
2) THE SURVEY WAS COMPLETED ON THE 24th. DAY OF JUNE, 1977.

BOLTON, ONTARIO.
JUNE 28, 1977.

ERNEST BIASON
ONTARIO LAND SURVEYOR

McLEAN, McMURCHY & BIASON
ONTARIO LAND SURVEYORS
P.O. BOX 310
BRAMPTON, ONTARIO.
PHONE 451-0460.
AND
12 KING STREET WEST, P.O. BOX 67,
BOLTON, ONTARIO
PHONE 857-0541

PROJECT No. 77-7

DocuSign Envelope ID: 8870DF20-DDEA-4A1A-861F-09A2A2E253C2

Appendix B

Norina Paolucci

From: Public Information Services <publicinformationservices@tssa.org>
Sent: August 15, 2022 11:17 AM
To: Norina Paolucci
Subject: RE: Search of the neighbouring properties

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

RECORD FOUND IN CURRENT DATABASE

Hello,

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

- We confirm that there are records in our current database of fuel storage tanks at the subject address(es).

Inventory Number	Address	City	Province	Postal Code	Status	Asset Class / Inventory C
45564626	14196 HUMBER STATION RD	BOLTON	ON	L7E 5S1	Active	FS Fuel Oil Tank

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.
Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
    a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and

7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.
Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind Regards,
Kim

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

From: Norina Paolucci <norina.paolucci@dsconsultants.ca>
Sent: August 15, 2022 10:26 AM
To: Public Information Services <publicinformationservices@tssa.org>
Cc: efuange.khumbah@dsconsultants.ca
Subject: Search of the neighbouring properties

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

Hi TSSA,

Please conduct the following search on the properties listed:

- 14259 Humber Station Road
- 14166 Humber Station Road
- 14196 Humber Station Road
- 14206 Humber Station Road
- 14226 Humber Station Road
- 14196 Humber Station Road
- 14275 Humber Station Road
- 14287 Humber Station Road
- 14361 Humber Station Road
- 14305 Humber Station Road

Thank you kindly

Norina Paolucci, BES.,EPt
Environmental Specialist
DS Consultants Ltd.
6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8
Tel: (905) 264-9393, Ext: 213
Cell: (647) 271-9420
www.dsconsultants.ca

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Appendix C

CHAIN OF TITLE REPORT

Project #: 21-386-100
Address: 14259 Humber Station Rd., Albion
Legal Description: Part Lot 12 Con 5 Albion
Pt 1, 43R5176

PIN #: 14329-0054 (LT)

Searched at: Brampton
LRO #: 43

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 Acres)	28 04 1824	Crown	**Albert FINCH**
7146	Deed	02 02 1830	Albert Finch - Estate	William COPELAND
148	Will	28 12 1868	William Copeland - Estate	Mary COPELAND
7519	Deed	24 01 1898	Mary Copeland	John Alexander PROCTOR
7699	Deed	05 05 1899	John Alexander Proctor	Thomas A. McDOUGALL
4981	Deed	09 12 1937	Thomas A. McDougall	Thomas J. CRICKMORE
14515	Deed	01 06 1943	Thomas J. Crickmore	Alfred HENDERSON
3814vs	Deed	01 03 1966	Alfred Henderson	Horst L. DUNKEL
25819vs	Deed	17 11 1966	Horst L. Dunkel	Umberto ROTONDO - 1/3% Emilio SIRIZZOTTI - 1/3% Criseenzo SIRIZZOTTI - 1/3%

Cont'd on Page 2

Project #: 21-386-100
Address: 14259 Humber Station Rd., Albion
Legal Description: Part Lot 12 Con 5 Albion Pt 1, 43R5176

Searched at: Brampton
LRO #: 43

PIN #: 14329-0054 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
192216vs	Deed	29 11 1971	Umberto Rotondo - 1/3% Emilio Sirizzotti- 1/3% Criseenzo Sirizzotti 1/3%	Michele GIARDALLO Isa GIARDALLO - 1/2% Iolande LANGILLOTTI Alfredo LANGILLOTTI - 1/2%
325434vs	Deed	07 08 1974	Michele Giardallo Isa Giardallo - 1/2% Iolande Langillotti Alfredo Langillotti - 1/2%	Basilio SINOPOLI Raffaele CAPARROTTA
441238	Deed	02 04 1977	Basilio Sinopoli Raffaele Caparrotta	Santo GELMO & Ada GELMO Gaetano CARBONE & Rosaria CARBONE
551605	Deed	27 06 1980	Gaetano Carbone & Rosaria Carbone	Santo GELMO & Ada GELMO
RO555470	Deed	13 08 1980	Santo Gelmo & Ada Gelmo	Giuseppe DI LEO Clementina DI LEO
RO705900	Deed	15 02 1985	Clementina Di Leo	Clementina DI LEO
PR3829940	Deed	07 05 2021	Giuseppe Di Leo - Estate	Clementina DI LEO
PR3947258	Deed **(Present Owner)**	18 11 2021	Clementina Di Leo	**Argo Humber Station Limited**

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

PROPERTY DESCRIPTION: PT LT 12 CON 5 ALBION PT 1, 43R5176 ; CALEDON

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 14329-0175

PIN CREATION DATE:
1999/06/21

OWNERS' NAMES
ARGO HUMBER STATION LIMITED

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/09/23 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1999/06/21						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1999/06/21 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1999/06/22 ***						
43R5176	1977/07/26	PLAN REFERENCE				C
RO555470	1980/08/13	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	DI LEO, GIUSEPPE DI LEO, CLEMENTINA	
RO705900	1985/02/15	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	DI LEO, CLEMENTINA	
PR3829939	2021/05/07	APL COURT ORDER		*** COMPLETELY DELETED *** ONTARIO SUPERIOR COURT OF JUSTICE	MERANTE, GERARDA RAMIREZ, MARIA CORNACCHIA, GIUSEPPINA	
PR3829940	2021/05/07	TRANSMISSION-LAND		*** COMPLETELY DELETED *** DI LEO, GIUSEPPE	DI LEO, CLEMENTINA	

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
					DI LEO, GIUSEPPE -ESTATE	
PR3829941	2021/05/07	TRANS PERSONAL REP		*** COMPLETELY DELETED ***		
				DI LEO, CLEMENTINA	DI LEO, CLEMENTINA	
REMARKS: PLANNING ACT STATEMENTS.						
PR3947258	2021/11/18	TRANSFER	$8,000,000	DI LEO, CLEMENTINA	ARGO HUMBER STATION LIMITED	C
REMARKS: PLANNING ACT STATEMENTS.						
PR3947259	2021/11/18	CHARGE	$7,500,000	ARGO HUMBER STATION LIMITED	ROYAL BANK OF CANADA	C
PR4084401	2022/07/13	NO APL ABSOLUTE		ARGO HUMBER STATION LIMITED		C

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

Appendix D

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *14259 Humber Station Road, Bolton, Ontario*
Report Type: *City Directory*
Order No: *22081500082*
Information Source: *Polk's Halton Peel Regions Ont., Criss Cross Directory (TRL)*
Date Completed: *2022/08/17*

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

City Directory Information Source
Polk's Halton Peel Regions Ont., Criss Cross Directory (TRL)

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 2001	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	14091-Cavalier Transportation SVC INC -Georbon Transport SVC INC

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1996	
Site Listing:	-Address Not Listed
Adjacent Properties:	

Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-No Listings Within Radius

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1991	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1986	
Site Listing:	-Address Not Listed

Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1981	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1976	

Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1970-1971	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario

Year: 1966	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

PROJECT NUMBER: 22081500082	
Site Address:	14259 Humber Station Road, Bolton, Ontario
Year: 1961	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Emil Kolb Parkway (14100-14130 even)	-Street Not Listed
Humber Station Road (14165-14365)	-Street Not Listed

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

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

Appendix E

DATABASE REPORT

Project Property:	*21-386-100 14259 Humber Station Road* *21-386-100 14259 Humber Station Road* *Bolton ON L7E 0Z9*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*22082502840*
Requested by:	*DS Consultants Ltd.*
Date Completed:	*August 30, 2022*

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

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Executive Summary

Property Information:

Project Property:	*21-386-100 14259 Humber Station Road* *21-386-100 14259 Humber Station Road Bolton ON L7E 0Z9*
Project No:	

Order Information:

Order No:	*22082502840*
Date Requested:	*August 25, 2022*
Requested by:	*DS Consultants Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	9	9
	Total:		0	12	12

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 12 con 5 ON ***Well ID:*** 4903300	WNW/20.6	2.07	14
2	WWIS		lot 12 con 4 ON ***Well ID:*** 7181645	SSW/27.8	2.08	17
3	WWIS		lot 12 con 4 ON ***Well ID:*** 4904437	SW/45.3	2.08	25
4	CFOT	CARLO LANDOLFI	14196 HUMBER STATION RD BOLTON L7E 5S1 ON CA ON	S/58.9	2.08	29
4	DTNK	CARLO LANDOLFI	14196 HUMBER STATION RD BOLTON L7E 5S1 ON CA ON	S/58.9	2.08	29
5	WWIS		ON ***Well ID:*** 7366576	SSE/95.3	1.47	30
6	WWIS		ON ***Well ID:*** 7366567	NW/102.6	0.09	31
7	WWIS		lot 11 con 4 ON ***Well ID:*** 4909556	SSE/104.5	1.08	31
8	WWIS		lot 12 con 4 ON ***Well ID:*** 4904238	W/148.8	5.08	39
9	WWIS		lot 12 con 5 ON ***Well ID:*** 4905784	NW/181.5	0.08	43
10	WWIS		lot 12 con 4 ON ***Well ID:*** 4904146	WNW/191.6	4.67	47
11	SPL	Hydro One Networks Inc.	14361 Humber Station Road Caledon ON	WNW/243.0	1.40	51

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number

Executive Summary: Summary By Data Source

CFOT - Commercial Fuel Oil Tanks

A search of the CFOT database, dated Feb 28, 2022 has found that there are 1 CFOT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
CARLO LANDOLFI	14196 HUMBER STATION RD BOLTON L7E 5S1 ON CA ON	58.9	4

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 1 DTNK site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
CARLO LANDOLFI	14196 HUMBER STATION RD BOLTON L7E 5S1 ON CA ON	58.9	4

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

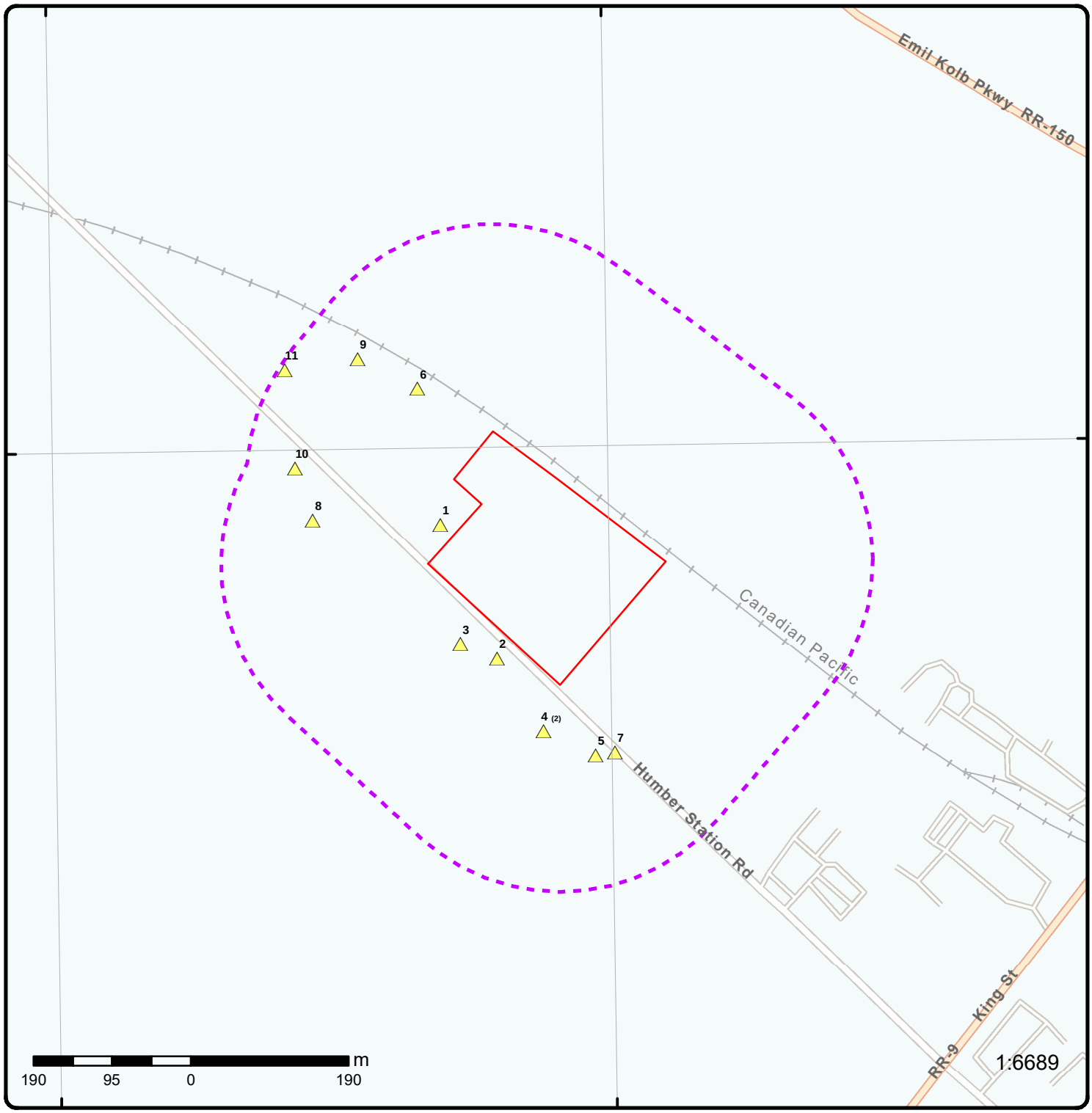
Site	Address	Distance (m)	Map Key
Hydro One Networks Inc.	14361 Humber Station Road Caledon ON	243.0	11

WWIS - Water Well Information System

A search of the WWIS database, dated Jan 31, 2022 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 12 con 5 ON	20.6	1

Site	Address	Distance (m)	Map Key
	Well ID: 4903300		
	lot 12 con 4 ON	27.8	2
	Well ID: 7181645		
	lot 12 con 4 ON	45.3	3
	Well ID: 4904437		
	ON	95.3	5
	Well ID: 7366576		
	ON	102.6	6
	Well ID: 7366567		
	lot 11 con 4 ON	104.5	7
	Well ID: 4909556		
	lot 12 con 4 ON	148.8	8
	Well ID: 4904238		
	lot 12 con 5 ON	181.5	9
	Well ID: 4905784		
	lot 12 con 4 ON	191.6	10
	Well ID: 4904146		



Map: 0.25 Kilometer Radius

Order Number: 22082502840

Address: 21-386-100 14259 Humber Station Road, Bolton, ON

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

Source: © 2021 ESRI StreetMap Premium.

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79°46'30"W

43°52'30"N

43°52'30"N

Aerial

Year: 2021

Order Number: 22082502840

Address: 21-386-100 14259 Humber Station Road, Bolton, ON

Source: ESRI World Imagery

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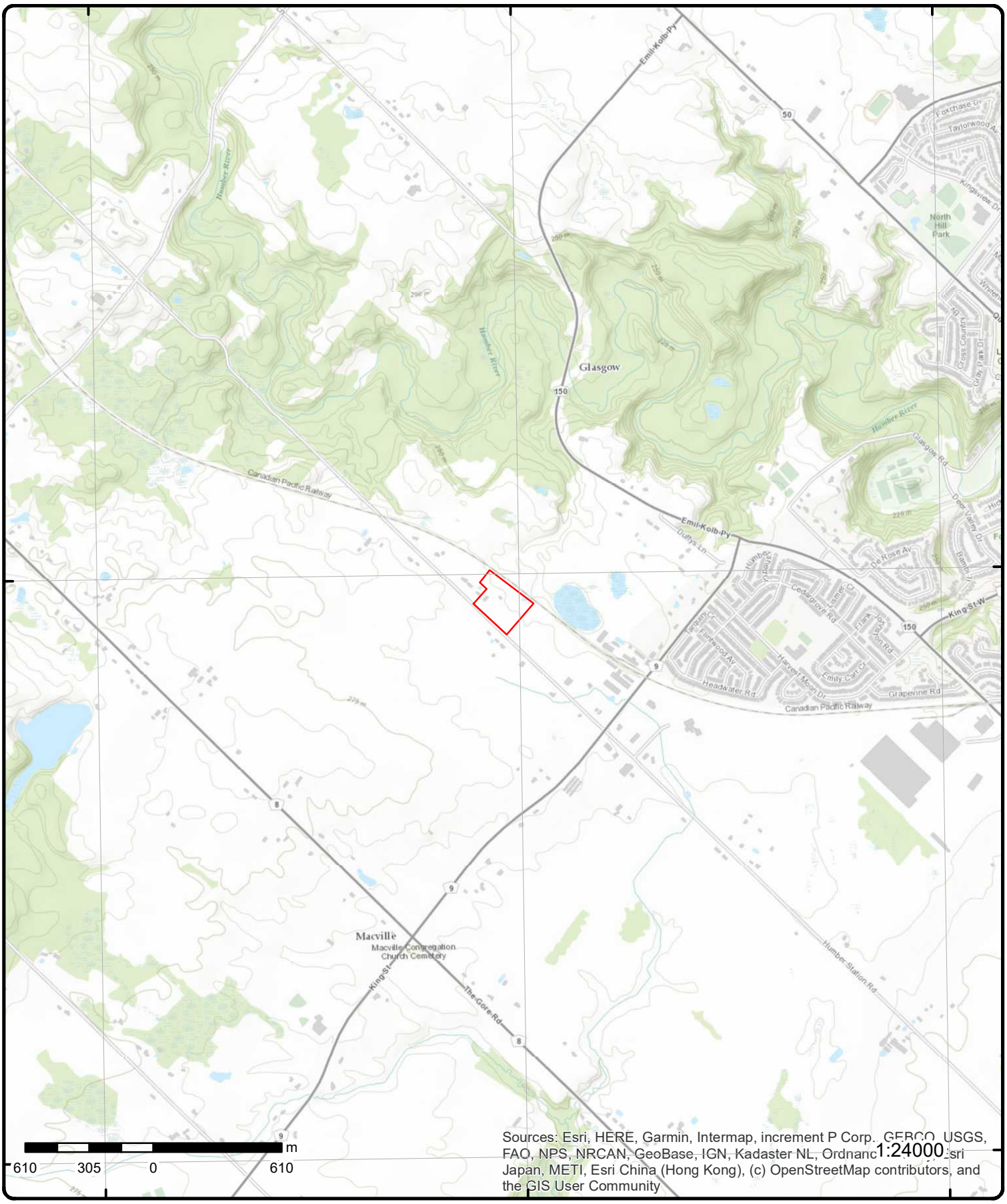

Topographic Map

Order Number: 22082502840

Address: 21-386-100 14259 Humber Station Road, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	WNW/20.6	266.8 / 2.07	lot 12 con 5 ON	WWIS

Well ID:	4903300	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	10-Sep-1969 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4813
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	05
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903300.pdf

Additional Detail(s) (Map)

Well Completed Date:	1969/08/11
Year Completed:	1969
Depth (m):	53.34
Latitude:	43.8741650825599
Longitude:	-79.7775680696507
Path:	490\4903300.pdf

Bore Hole Information

Bore Hole ID:	10318139	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	598214.60
Code OB Desc:		**North83:**	4858623.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Aug-1969 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932041120
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	122.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041121
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	122.0
Formation End Depth:	175.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041119
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964903300
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10866709
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930525562
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	175.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994903300
Pump Set At:	
Static Level:	35.0
Final Level After Pumping:	170.0
Recommended Pump Depth:	170.0
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	45
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934255774
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935049364
Test Type:	Draw Down
Test Duration:	60
Test Level:	135.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934530311
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934784450

Test Type:	Draw Down
Test Duration:	45
Test Level:	80.0
Test Level UOM:	ft

Water Details

Water ID:	933791317
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	175.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10318139	**Tag No:**	
Depth M:	53.34	**Contractor:**	4813
Year Completed:	1969	**Path:**	490\4903300.pdf
Well Completed Dt:	1969/08/11	**Latitude:**	43.8741650825599
Audit No:		**Longitude:**	-79.7775680696507

---

2 | ***1 of 1*** | ***SSW/27.8*** | ***266.9 / 2.08*** | ***lot 12 con 4 ON*** | ***WWIS***

Well ID:	7181645	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	28-May-2012 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z143643	**Contractor:**	4645
Tag:	A119607	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181645.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/02/20
Year Completed:	2012
Depth (m):	35.6616
Latitude:	43.8727067070345
Longitude:	-79.776746567149
Path:	718\7181645.pdf

Bore Hole Information

Bore Hole ID:	1003806577	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		**East83:**	598283.00
Code OB Desc:		**North83:**	4858462.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	20-Feb-2012 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004323028
Layer:	4
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	92.0
Formation End Depth:	98.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004323026
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	1.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004323027
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	17.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004323025
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004323030
Layer:	6
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	113.0
Formation End Depth:	117.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004323029
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	98.0
Formation End Depth:	113.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004323065
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	1004323064
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1004323023
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004323035
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.0
Depth To:	113.0
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004323036
Layer:	1
Slot:	18
Screen Top Depth:	113.0
Screen End Depth:	117.0
Screen Material:	1
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.5

Results of Well Yield Testing

Pump Test ID:	1004323024
Pump Set At:	110.0
Static Level:	25.0
Final Level After Pumping:	85.0
Recommended Pump Depth:	110.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1004323056
Test Type:	Recovery
Test Duration:	30

Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323058
Test Type: Recovery
Test Duration: 40
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323060
Test Type: Recovery
Test Duration: 50
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323037
Test Type: Draw Down
Test Duration: 1
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323042
Test Type: Recovery
Test Duration: 3
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323048
Test Type: Recovery
Test Duration: 10
Test Level: 47.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323039
Test Type: Draw Down
Test Duration: 2
Test Level: 29.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323040
Test Type: Recovery
Test Duration: 2
Test Level: 77.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323044
Test Type: Recovery
Test Duration: 4
Test Level: 1.899999976158142
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323049
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323050
Test Type: Recovery
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323055
Test Type: Draw Down
Test Duration: 30
Test Level: 64.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323059
Test Type: Draw Down
Test Duration: 50
Test Level: 77.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323062
Test Type: Recovery
Test Duration: 60
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323038
Test Type: Recovery
Test Duration: 1
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323041
Test Type: Draw Down

Test Duration: 3
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323046
Test Type: Recovery
Test Duration: 5
Test Level: 54.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323045
Test Type: Draw Down
Test Duration: 5
Test Level: 43.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323052
Test Type: Recovery
Test Duration: 20
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323053
Test Type: Draw Down
Test Duration: 25
Test Level: 59.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323043
Test Type: Draw Down
Test Duration: 4
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323051
Test Type: Draw Down
Test Duration: 20
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004323057
Test Type: Draw Down
Test Duration: 40
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1004323061
Test Type:	Draw Down
Test Duration:	60
Test Level:	85.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1004323047
Test Type:	Draw Down
Test Duration:	10
Test Level:	46.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1004323054
Test Type:	Recovery
Test Duration:	25
Test Level:	28.0
Test Level UOM:	ft

Water Details

Water ID:	1004323034
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	117.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1004323032
Diameter:	8.75
Depth From:	20.0
Depth To:	113.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1004323033
Diameter:	6.125
Depth From:	113.0
Depth To:	117.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1004323031
Diameter:	10.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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

Links

Bore Hole ID:	1003806577	***Tag No:***	A119607
Depth M:	35.6616	***Contractor:***	4645
Year Completed:	2012	***Path:***	718\7181645.pdf
Well Completed Dt:	2012/02/20	***Latitude:***	43.8727067070345
Audit No:	Z143643	***Longitude:***	-79.776746567149

3 ***1 of 1*** ***SW/45.3*** ***266.9 / 2.08*** ***lot 12 con 4 ON*** ***WWIS***

Well ID:	4904437	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	01-Oct-1974 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4610
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	012
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904437.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/07/30
Year Completed:	1973
Depth (m):	54.864
Latitude:	43.872865648609
Longitude:	-79.7772959265378
Path:	490\4904437.pdf

Bore Hole Information

Bore Hole ID:	10319222	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	598238.60
Code OB Desc:		***North83:***	4858479.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	30-Jul-1973 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932045748
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	127.0
Formation End Depth:	180.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932045744
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932045747
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	112.0
Formation End Depth:	127.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932045746
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY

Formation Top Depth:	100.0
Formation End Depth:	112.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932045745
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904437
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10867792
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527048
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	130.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930527049
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	180.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID: 994904437
Pump Set At:
Static Level: 23.0
Final Level After Pumping: 140.0
Recommended Pump Depth: 126.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934259094
Test Type: Draw Down
Test Duration: 15
Test Level: 76.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934533208
Test Type: Draw Down
Test Duration: 30
Test Level: 106.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934787754
Test Type: Draw Down
Test Duration: 45
Test Level: 126.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935043928
Test Type: Draw Down
Test Duration: 60
Test Level: 140.0
Test Level UOM: ft

Water Details

Water ID: 933792476
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

Water Details

Water ID:	933792477
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	180.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10319222	**Tag No:**	
Depth M:	54.864	**Contractor:**	4610
Year Completed:	1973	**Path:**	490\4904437.pdf
Well Completed Dt:	1973/07/30	**Latitude:**	43.872865648609
Audit No:		**Longitude:**	-79.7772959265378

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4 ***1 of 2*** ***S/58.9*** ***266.9 / 2.08*** ***CFOT***

CARLO LANDOLFI
14196 HUMBER STATION RD BOLTON L7E 5S1
ON CA
ON

Licence No:		**Item Description:**	Fuel Oil Tank
Registration No:		**Instance Type:**	
Posse File No:		**Facility Type:**	
Posse Reg No:		**Fuel Type:**	
Status Name:		**Distributor:**	
Tank Type:	Single Wall UST	**Letter Sent:**	
Tank Size:	0	**Comments:**	
Tank Material:	NULL	**Corrosion Protect:**	
Instance No:	45564626	**Province:**	
Inst Creation Date:	10/19/2006	**Nbr:**	
Inst Install Date:	10/19/2006	**Context:**	FS Fuel Oil Tank
Item:	FS FUEL OIL TANK		
Tank Age (as of 05/1992):			
Device Installed Location:	14196 HUMBER STATION RD BOLTON L7E 5S1 ON CA		
Description:	NULL		
Contact Name:			
Contact Address:			
Contact Address2:			
Contact Suite:			
Contact City:			
Contact Prov:			
Contact Postal:			

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4 ***2 of 2*** ***S/58.9*** ***266.9 / 2.08*** ***DTNK***

CARLO LANDOLFI
14196 HUMBER STATION RD BOLTON L7E 5S1
ON CA
ON

Delisted Fuel Storage Tank

Instance No:	45564626	**Creation Date:**	7/5/2009 2:58:03 AM
Status:	Active	**Overfill Prot Type:**	
Instance Type:		**Facility Location:**	14196 HUMBER STATION RD BOLTON L7E 5S1 ON CA
Fuel Type:		**Piping SW Steel:**	
Cont Name:		**Piping SW Galvan:**	
Capacity:	0	**Tanks SW Steel:**	
Tank Material:	NULL	**Piping Underground:**	
Corrosion Prot:	NULL	**No Underground:**	
Tank Type:	Single Wall UST	**Max Hazard Rank:**	NULL
Install Year:	NULL	**Max Hazard Rank 1:**	NULL

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

Facility Type:	FS FUEL OIL TANK	***Nxt Period Start Dt:***	NULL
Device Installed Loc:		***Program Area 1:***	NULL
Fuel Type 2:		***Program Area 2:***	NULL
Fuel Type 3:		***Nxt Period Strt Dt 2:***	NULL
Item:		***Risk Based Periodic:***	NULL
Item Description:	Fuel Oil Tank	***Vol of Directives:***	NULL
Model:	NULL	***Years in Service:***	4.5
Description:	NULL	***Created Date:***	19-OCT-06
Instance Creation Dt:	10/19/2006	***Federal Device:***	NULL
Instance Install Dt:	10/19/2006	***Periodic Exempt:***	NULL
Manufacturer:	NULL	***Statutory Interval:***	NULL
Serial No:	NULL	***Rcomnd Insp Interval:***	NULL
ULC Standard:	NULL	***Recommended Toler:***	NULL
Quantity:	1	***Panam Venue Name:***	NULL
Unit of Measure:	EA	***External Identifier:***	NULL
Parent Fac Type:			
TSSA Base Sched Cycle 1:	NULL		
TSSA Base Sched Cycle 2:	NULL		
Original Source:	FST		
Record Date:	31-MAY-2021		

5 ***1 of 1*** ***SSE/95.3*** ***266.3 / 1.47*** ***ON*** ***WWIS***

Well ID:	7366576	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	Yes
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	31-Aug-2020 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z343403	***Contractor:***	7472
Tag:	A303246	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008454088	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	598402.00
Code OB Desc:		***North83:***	4858345.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	31-Jul-2020 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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

Links

Bore Hole ID:	1008454088	***Tag No:***	A303246
Depth M:		***Contractor:***	7472
Year Completed:	2020	***Path:***	736\7366576.pdf
Well Completed Dt:	2020/07/31	***Latitude:***	43.8716376516666
Audit No:	Z343403	***Longitude:***	-79.7752873701371

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6 ***1 of 1*** ***NW/102.6*** ***264.9 / 0.09*** ***ON*** ***WWIS***

Well ID:	7366567	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	Yes
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	31-Aug-2020 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z343541	***Contractor:***	7472
Tag:	A303292	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008454061	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	598187.00
Code OB Desc:		***North83:***	4858787.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	31-Jul-2020 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008454061	***Tag No:***	A303292
Depth M:		***Contractor:***	7472
Year Completed:	2020	***Path:***	736\7366567.pdf
Well Completed Dt:	2020/07/31	***Latitude:***	43.875645027966
Audit No:	Z343541	***Longitude:***	-79.7778813424945

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7 ***1 of 1*** ***SSE/104.5*** ***265.9 / 1.08*** ***lot 11 con 4 ON*** ***WWIS***

Well ID:	4909556	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	

Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	29-Nov-2004 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z11043	**Contractor:**	4645
Tag:	A011004	**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	011
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CALEDON TOWN (ALBION)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4909556.pdf

Additional Detail(s) (Map)

Well Completed Date: 2004/10/24
Year Completed: 2004
Depth (m): 23.5
Latitude: 43.8716705770376
Longitude: -79.7749991945207
Path: 490\4909556.pdf

Bore Hole Information

Bore Hole ID:	11177184	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	598425.10
Code OB Desc:		**North83:**	4858349.00
Open Hole:		**Org CS:**	G83a
Cluster Kind:		**UTMRC:**	9
Date Completed:	24-Oct-2004 00:00:00	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 932981996
Layer: 5
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 21.299999237060547
Formation End Depth: 23.5

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932981993
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 4.599999904632568
Formation End Depth: 7.599999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932981994
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 7.599999904632568
Formation End Depth: 19.5
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932981992
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 4.599999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932981995
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY

Mat2:
Mat2 Desc:
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 19.5
Formation End Depth: 21.299999237060547
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933259253
Layer: 1
Plug From: 0.0
Plug To: 6.099999904632568
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 964909556
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11185703
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930849487
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.6000000238418579
Depth To: 21.299999237060547
Casing Diameter: 15.899999618530273
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933410202
Layer: 1
Slot: 16
Screen Top Depth: 21.600000381469727
Screen End Depth: 22.899999618530273
Screen Material: 1
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 14.0

Results of Well Yield Testing

Pump Test ID: 11192864
Pump Set At: 16.799999237060547
Static Level: 5.199999809265137

Final Level After Pumping: 13.399999618530273
Recommended Pump Depth: 16.799999237060547
Pumping Rate: 113.5999984741211
Flowing Rate:
Recommended Pump Rate: 37.900001525878906
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 12
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11277868
Test Type: Draw Down
Test Duration: 1
Test Level: 5.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277873
Test Type: Recovery
Test Duration: 3
Test Level: 9.100000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278058
Test Type: Recovery
Test Duration: 60
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277871
Test Type: Recovery
Test Duration: 2
Test Level: 11.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277872
Test Type: Draw Down
Test Duration: 3
Test Level: 8.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277874
Test Type: Draw Down
Test Duration: 4
Test Level: 10.699999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277875
Test Type: Recovery
Test Duration: 4
Test Level: 8.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278049
Test Type: Draw Down
Test Duration: 25
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278051
Test Type: Draw Down
Test Duration: 30
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278056
Test Type: Recovery
Test Duration: 50
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277869
Test Type: Recovery
Test Duration: 1
Test Level: 12.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278046
Test Type: Recovery
Test Duration: 15
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278048
Test Type: Recovery
Test Duration: 20
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278050
Test Type: Recovery
Test Duration: 25
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278054
Test Type: Recovery
Test Duration: 40
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278055
Test Type: Draw Down
Test Duration: 50
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278045
Test Type: Draw Down
Test Duration: 15
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278047
Test Type: Draw Down
Test Duration: 20
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278052
Test Type: Recovery
Test Duration: 30
Test Level: 5.199999809265137
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278041
Test Type: Draw Down
Test Duration: 5
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278043
Test Type: Draw Down
Test Duration: 10
Test Level: 13.399999618530273

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278044
Test Type: Recovery
Test Duration: 10
Test Level: 6.099999904632568
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278053
Test Type: Draw Down
Test Duration: 40
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11277870
Test Type: Draw Down
Test Duration: 2
Test Level: 7.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278057
Test Type: Draw Down
Test Duration: 60
Test Level: 13.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11278042
Test Type: Recovery
Test Duration: 5
Test Level: 7.0
Test Level UOM: m

Water Details

Water ID: 934054906
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 22.899999618530273
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11311218
Diameter: 22.200000762939453
Depth From: 6.099999904632568
Depth To: 21.299999237060547
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID:	11311217
Diameter:	25.399999618530273
Depth From:	0.0
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	11177184	***Tag No:***	A011004
Depth M:	23.5	***Contractor:***	4645
Year Completed:	2004	***Path:***	490\4909556.pdf
Well Completed Dt:	2004/10/24	***Latitude:***	43.8716705770376
Audit No:	Z11043	***Longitude:***	-79.7749991945207

8 ***1 of 1*** ***W/148.8*** ***269.9 / 5.08*** ***lot 12 con 4 ON*** ***WWIS***

Well ID:	4904238	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	14-Jan-1974 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4778
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	012
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904238.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/11/30
Year Completed:	1973
Depth (m):	57.912
Latitude:	43.8742305766483
Longitude:	-79.7794834879935
Path:	490\4904238.pdf

Bore Hole Information

Bore Hole ID:	10319026	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	598060.60
Code OB Desc:		***North83:***	4858628.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	30-Nov-1973 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m

Remarks: ***Location Method:*** p4
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932044873
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932044874
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932044875
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 67.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932044878
Layer:	6
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	177.0
Formation End Depth:	190.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044877
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	120.0
Formation End Depth:	177.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044876
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	78.0
Formation End Depth:	120.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904238
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10867596
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930526769
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	186.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359517
Layer:	1
Slot:	012
Screen Top Depth:	187.0
Screen End Depth:	190.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pump Test ID:	994904238
Pump Set At:	
Static Level:	23.0
Final Level After Pumping:	77.0
Recommended Pump Depth:	110.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934787187
Test Type:	Draw Down
Test Duration:	45
Test Level:	77.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935043357
Test Type:	Draw Down
Test Duration:	60
Test Level:	77.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 934532637
Test Type: Draw Down
Test Duration: 30
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934258522
Test Type: Draw Down
Test Duration: 15
Test Level: 65.0
Test Level UOM: ft

Water Details

Water ID: 933792273
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 177.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10319026
Depth M: 57.912
Year Completed: 1973
Well Completed Dt: 1973/11/30
Audit No:
Tag No:
Contractor: 4778
Path: 490\4904238.pdf
Latitude: 43.8742305766483
Longitude: -79.7794834879935

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9 | ***1 of 1*** | ***NW/181.5*** | ***264.9 / 0.08*** | ***lot 12 con 5 ON*** | ***WWIS***

Well ID: 4905784
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (ALBION)
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 14-May-1981 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4778
Form Version: 1
Owner:
County: PEEL
Lot: 012
Concession: 05
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4905784.pdf

Additional Detail(s) (Map)

Well Completed Date: 1980/12/12
Year Completed: 1980

Depth (m): 64.6176
Latitude: 43.8759787203966
Longitude: -79.7787756728625
Path: 490\4905784.pdf

Bore Hole Information

Bore Hole ID: 10320475
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Dec-1980 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 598114.60
North83: 4858823.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 932051288
Layer: 4
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 10
Mat2 Desc: COARSE SAND
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 208.0
Formation End Depth: 212.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932051285
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932051287
Layer: 3

Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	08
Mat3 Desc:	FINE SAND
Formation Top Depth:	160.0
Formation End Depth:	208.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932051286
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	160.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964905784
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10869045
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930528780
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	208.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933359843
Layer:	1
Slot:	025
Screen Top Depth:	208.0

Screen End Depth:	212.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pump Test ID:	994905784
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	200.0
Recommended Pump Depth:	200.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934261923
Test Type:	Draw Down
Test Duration:	15
Test Level:	100.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934781763
Test Type:	Draw Down
Test Duration:	45
Test Level:	180.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934527661
Test Type:	Draw Down
Test Duration:	30
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935046777
Test Type:	Draw Down
Test Duration:	60
Test Level:	200.0
Test Level UOM:	ft

Water Details

Water ID:	933793793
Layer:	1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	208.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10320475	**Tag No:**	
Depth M:	64.6176	**Contractor:**	4778
Year Completed:	1980	**Path:**	490\4905784.pdf
Well Completed Dt:	1980/12/12	**Latitude:**	43.8759787203966
Audit No:		**Longitude:**	-79.7787756728625

10 | ***1 of 1*** | ***WNW/191.6*** | ***269.5 / 4.67*** | ***lot 12 con 4 ON*** | ***WWIS***

Well ID:	4904146	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	27-Aug-1973 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3612
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (ALBION)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904146.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/07/06
Year Completed:	1973
Depth (m):	22.86
Latitude:	43.874800472428
Longitude:	-79.7797332332733
Path:	490\4904146.pdf

Bore Hole Information

Bore Hole ID:	10318934	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	598039.60
Code OB Desc:		**North83:**	4858691.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	06-Jul-1973 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932044451
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044450
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044453
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	57.0
Formation End Depth:	67.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044452
Layer:	3
Color:	3
General Color:	BLUE

Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932044454
Layer:	5
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	67.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904146
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10867504
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930526657
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	75.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994904146
Pump Set At:	
Static Level:	57.0
Final Level After Pumping:	73.0
Recommended Pump Depth:	72.0
Pumping Rate:	2.0

Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934258037
Test Type: Recovery
Test Duration: 15
Test Level: 72.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934786703
Test Type: Recovery
Test Duration: 45
Test Level: 69.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934532569
Test Type: Recovery
Test Duration: 30
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935042864
Test Type: Recovery
Test Duration: 60
Test Level: 68.0
Test Level UOM: ft

Water Details

Water ID: 933792178
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 33.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10318934
Depth M: 22.86
Year Completed: 1973
Well Completed Dt: 1973/07/06
Audit No:
Tag No:
Contractor: 3612
Path: 490\4904146.pdf
Latitude: 43.874800472428
Longitude: -79.7797332332733

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	WNW/243.0	266.2 / 1.40	Hydro One Networks Inc. 14361 Humber Station Road Caledon ON	SPL

Ref No:	1813-924U7Y	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	16-NOV-12	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Collision/Accident	**Sector Type:**	Transformer
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	TRANSFORMER OIL (N.O.S.)	**Site Address:**	14361 Humber Station Road
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Caledon
Nature of Impact:	Soil Contamination; Surface Water Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	16-NOV-12	**Site Map Datum:**	
Dt Document Closed:	03-JAN-13	**SAC Action Class:**	Land Spills
Incident Reason:	Other	**Source Type:**	
Site Name:	Pole-top transformer<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Hydro One, 30L PCB suspect transformer oil to soil/ditch		
Contaminant Qty:	30 L		

Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 12 Con 5	Caledon ON	
SPL		Humber Station Road, north of King St.	Caledon ON	
SPL	Canadian Pacific Railway Company	Mileage 21.6<UNOFFICIAL>	Caledon ON	

Unplottable Report

Site: ***Database:*** ***AAGR***

Lot 12 Con 5 Caledon ON

Type:	Pit
Region/County:	Peel
Township:	Caledon
Concession:	5
Lot:	12
Size (ha):	0.1
Landuse:	
Comments:	

Site: ***Database:*** ***SPL***

Humber Station Road, north of King St. Caledon ON

Ref No:	0182-6CGPEV	***Discharger Report:***	0
Site No:		***Material Group:***	Oil
Incident Dt:	5/17/2005	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	Unknown
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Caledon
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/17/2005	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills to Watercourses
Incident Reason:		***Source Type:***	
Site Name:	Hopefull Creek<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Diesel to Hopefull Creek, Caledon, cleaned up		
Contaminant Qty:			

Site: ***Database:*** ***SPL***

Canadian Pacific Railway Company
Mileage 21.6<UNOFFICIAL> Caledon ON

Ref No:	6242-79XKM8	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Train
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Caledon

Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/16/2007	***Site Map Datum:***	
Dt Document Closed:	1/7/2008	***SAC Action Class:***	
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	Mileage 21.6<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Cp Rail-mileage 21.6, 150 L lube oil to tracks, clng.		
Contaminant Qty:	10 L		

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-May 31, 2022

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Apr 2022

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-Jun 2022

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Jul 31, 2022

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Jun 30, 2022

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Jul 31, 2022

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Jun 30, 2022

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Mar 31, 2022

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Jun 2022

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Apr 30, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2022

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Jul 31, 2022

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Jun 30, 2022

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Jul 31, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

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

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

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

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Jun 30, 2022

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Jan 31, 2022

Definitions

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

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

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

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

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

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

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

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

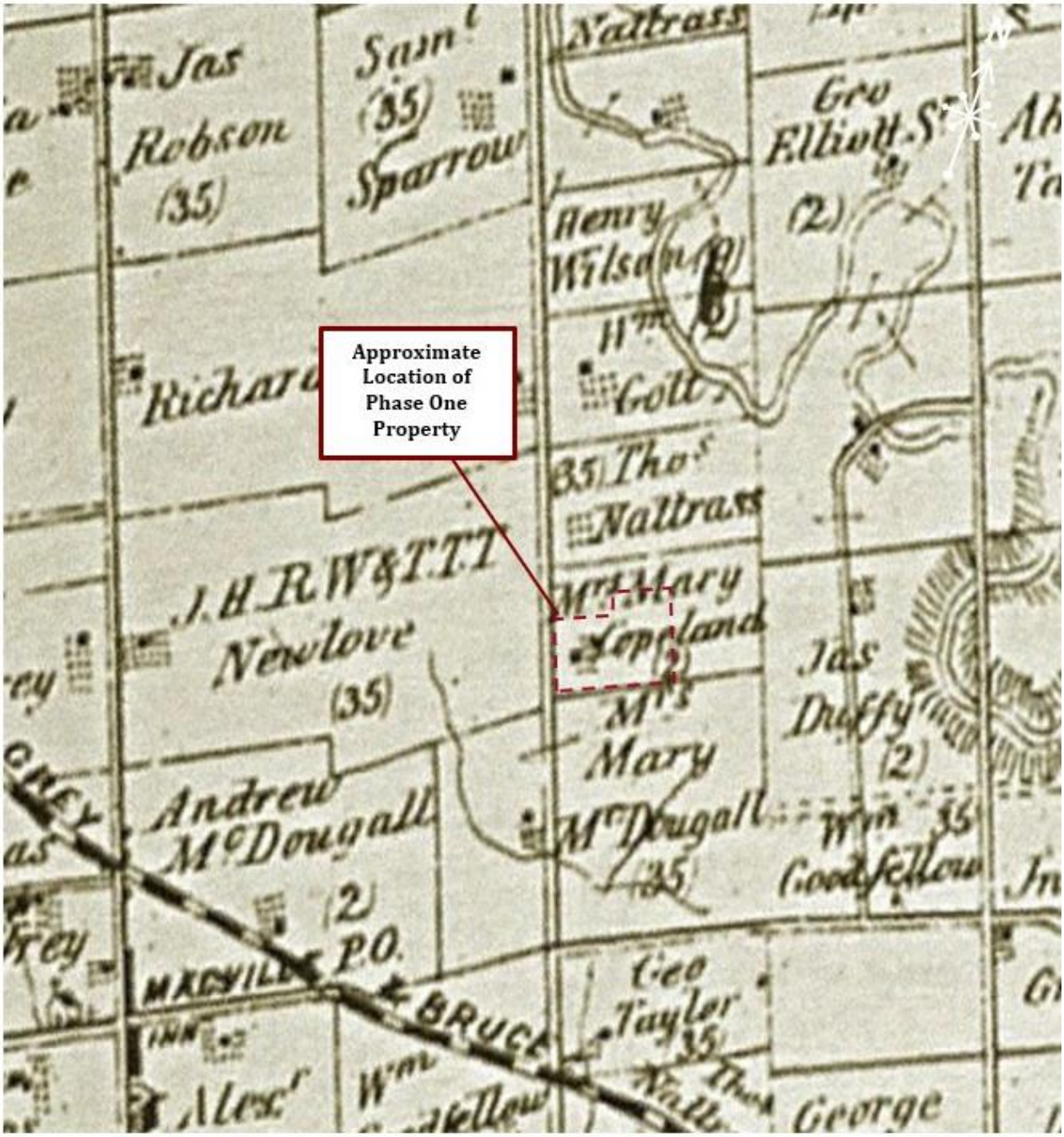
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

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

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

Appendix F



County Atlas Project

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

PEEL COUNTY ATLAS: 1880

Scale: NTS	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: August 2022		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-1**

©Ecolog ERIS

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1946

Scale: 1:28500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: Aug-224		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-2**

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AERIAL PHOTOGRAPH: 1964

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: ~1:125350	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: Aug-224		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-3**

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AERIAL PHOTOGRAPH: 1974

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: ~1:22200	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: Oct-14		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-4**

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6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1988

Scale: ~1:27450	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: Aug-224		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-5**

© Google Earth

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2004

Scale: ~1:15250	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: Aug-224		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-6**

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6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2015

Scale: ~1:3750	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **14259 Humber Station Road**	Prepared By: NP
Date: Aug-224		Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-7**

© Google Earth

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2021

Scale: ~1:6600	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**	Prepared By: NP
Date: August, 2022	**14259 Humber Station Road**	Reviewed By: RF
Project: 21-386-100	Prepared For: Agro Humber Station Limited	Drawing No. **D-8**

Appendix G

Picture 1: View of the residential house main floor kitchen.

Picture 2: View of the residential house basement kitchen/ living room.

Picture 3: View of the residential house basement fireplace.

Picture 4: View of the empty ASTs in the basement of the residential house

Picture 5: View of the residential house, facing east.

Picture 6: View of the barn in the centre of the Property facing north

Picture 7: View of north portion of the property facing north.

Picture 8: View of debris located behind the residential house.

Picture 9: View of the rear of the residential house facing north.

Picture 10: View of the east side of the property and adjacent railway tracks facing east.

Picture 11: View of the agricultural field, facing east.

Picture 12: View of the agricultural field, facing west.

Picture 13: View of the driveway facing northeast.

Picture 14: View of previous housing structure location.

Picture 15: View of Humber Station Road, facing south.

Picture 16: View of the roadway Humber Station Road, facing west.

Picture 17: View of the roadway Humber Station Road, facing east.

Picture 18: View of previous barn structure

Picture 19 and 20 : View of the Propane Tank on the neighbouring property facing west

Appendix H

"Table of current and past uses of the phase one property" (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

14259 Humber Station Road, Bolton, Ontario

PT LT 12 CON 5 ALBION PT 1, 43R5176; CALEDON

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1824	Crown	Assumed agricultural or other	Agricultural or other use	None
1824 to 1830	Albert Finch	Assumed agricultural or other	Agricultural or other use	None
1830 to 1868	William Copeland- Estate	Assumed residential or other	Agricultural or other use	None
1868 to 1898	Mary Copeland	Agricultural Land	Agricultural or other use	According to the Peel Country Atlas published in 1880, the Site land is owned by Mary Copeland and appears to be a homestead and an orchard farm.
1898 to 1899	John Alexander Proctor	Agricultural Land	Agricultural or other use	None
1899 to 1937	Thomas A. McDougall	Agricultural Land	Agricultural or other use	None
1937 to 1943	Thomas J. Crickmore	Agricultural Land	Agricultural or other use	None
1943 to 1966	Alfred Henderson	Agricultural Land	Agricultural or other use	According to the 1946 and 1964 Aerial Photographs the Phase One Property land use was vacant agricultural land.
1966 to 1966	Horst L. Dunkel	Agricultural Land	Agricultural or other use	None
1966 to 1971	Umberto Rotondo Emilio Sirizzotti Criseenzo Sirizzotti	Agricultural Land	Agricultural or other use	None
1971 to 1974	Michele Giardallo Isa Giardallo Iolande Langillotti Alfredo Langillotti	Agricultural Land	Agricultural or other use	According to the 1974 Aerial Photograph the Phase One Property land use was vacant agricultural land.

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1974 to 1977	Basilio Sinopoli Raffaele Caparrotta	Agricultural Land	Agricultural or other use	According to the 1974 Aerial Photograph the Phase One Property land use was vacant agricultural land.
1977 to 1980	Gaetano Carbone & Rosaria Carbone	Agricultural Land	Agricultural or other use	None
1980 to 1985	Clementina Di Leo	Agricultural Land	Residential or other use	None
1985 to 2021	Giuseppe Di Leo- Estate	Agricultural Land	Residential or other use	According to the aerial photographs in the year of 1988, 2004, and 2015, the residential dwelling and barn is present.
2021 to 2021	Clementina Di Leo to Argo Humber Station Limited	Agricultural Land	Agricultural or other use	According to the Aerial Photograph, 2021, the Phase One Property included a residential property and a barn. According to questionnaire, the client brought the property in November 2021. Based on the site reconnaissance of August 2022, the Phase One Property was agricultural land and residential building and barn had been removed.

Notes:

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

Agriculture or other use
Commercial use
Community use
Industrial use
Institutional use
Parkland use
Residential use

2 - when submitting a record of site condition for filing, a copy of this table must be attached

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