

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART OF LOT 19, CONCESSION 1 CALEDON, ONTARIO

Prepared for:Caledon 410 Developments Limited
c/o Fieldgate Developments
5400 Yonge Street, 5th Floor
Toronto, Ontario
M2N 5R5

Attention: Ms. Mara Samardzic

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Greater Toronto

11 Indell Lane Brampton, Ontario L6T 3Y3 (905) 796-2650 Fax: 796-2250 Hamilton – NiagaraCentral903 Barton Street, Unit 22220 BayoStoney Creek, Ontario L8E 5P5Barrie, C(905) 643-7560 Fax: 643-7559(705) 733www.terraprobe.ca

 Terraprobe
 Inc.

 Central Ontario
 220

 22
 220 Bayview Drive, Unit 25

 L8E 5P5
 Barrie, Ontario L4N 4Y8

(705) 739-8355 Fax: 739-8369

Northern Ontario

1012 Kelly Lake Rd., Unit 1 **Sudbury**, Ontario P3E 5P4 (705) 670-0460 Fax: 670-0558

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FIGURES

Figure 1 – Phase One Property Location

Figure 2 – Phase One Property

Figure 3 – Phase One Study Area

Figure 4 – Adjacent Property Land Uses

Figure 5 – PCA Locations

Figure 6 – APEC Locations

APPENDICES

Appendix A – Plan of Survey

Appendix B – Table of Current and Past Land Uses

Appendix C – Opta Information Intelligence Report

Appendix D – Chain of Title

Appendix E – EcoLog ERIS Report

Appendix F – Regulatory Responses

Appendix G – Historical Maps and Aerial Photographs

Appendix H – Topographic Map and Geological Mapping

Appendix I – Water Well Records

Appendix J – Site Photographs Appendix K – APEC Table

Appendix L – Phase One Conceptual Site Model



1.0 EXECUTIVE SUMMARY

Terraprobe Inc. (Terraprobe) completed a Phase One Environmental Site Assessment (Phase One ESA) of the Phase One Property (the Property) identified as Part Lot 19, Concession 1 in Caledon, Ontario.

The Property is irregular in shape, with a total area of approximately 30 hectares. The Property was undeveloped and consisted of gently rolling agricultural land with a slight slope to the southwest. Two woodland areas were located at the northwest and southwest corners of the Property. The Property was considered to be in Agricultural Land Use by the Ontario Ministry of the Environment and Climate Change (MOECC). It is understood that the Property is being considered for potential development as a residential subdivision. The Phase One ESA is required for due diligence purposes.

The Phase One ESA identified the following Areas of Potential Environmental Concern (APEC) on the Property:

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (on-site or off-site)	Potential Contaminants of Concern (PCoC)	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC 1: Importation of fill on the Property	Agricultural portion of Property and backfill in basement of former residence	#30 – Importation of Fill Material of Unknown Quality	On-Site	OCs CN- metals	Soil, Ground Water
APEC 2: historical use of pesticides on the Property	Agricultural portion of Property	#40 – Pesticides (including Herbicides, Fungicides and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large- Scale Applications	On-Site	OCs As, Sb, Se CN- metals	Soil, Ground Water
APEC 3: Former residence	Area of former residence; heating oil tank previously reported in basement and house fire	#28 - Gasoline and Associated Products Storage in Fixed Tanks other - house fire	On-Site	Metals, PAHs, PHCs	Soil, Ground Water
Contaminant Descriptions OCs Organochlorine Pesticides CN Cyanide					

As Arsenic Sb Antimony

Se Selenium

 CN
 Cyanide

 PAHs
 Polycyclic Aromatic Hydrocarbons

 PHCs
 Petroleum Hydrocarbons

Prior to the preparation and submission of a Record of Site Condition, a Phase Two Environmental Site Assessment would be required to investigate the APECs for the PCoCs that have been identified on the Property.



2.0 INTRODUCTION

Terraprobe Inc. (Terraprobe) was retained by Caledon 410 Developments Limited (Caledon 410) to complete a Phase One Environmental Site Assessment (Phase One ESA) on Part Lot 19, Concession 10 in Caledon, Ontario (the Property).

The Property is irregular in shape and is located on the west side of Hutchinson Farm Lane, southwest of Hurontario Street. In accordance with the MOECC property use classifications as described in O.Reg. 153/04, the current use of the Property is agricultural. It is understood that it is intended to change the use of the Property from agricultural to residential use. On this basis, there would be no mandatory requirement for the filing of a Record of Site Condition from the MOECC. However at the request of Caledon 410 the Phase One ESA has been carried out to support the filing of a Record of Site Condition, if required.

The general location of the Property is presented on Figure 1 (Phase One Property Location). The layout of the Property and notable features are shown on Figure 2 (Phase One Property). A plan of survey for the Property is provided in Appendix A.

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

2.1 Phase One Property Information

The Property information is provided below:

Legal Description	Part of Lot 19, Concession 1, West of Hurontario Street (Ching) Designated as Part 1, Plan 43R36981; Town of Caledon; and Part of Lot 19, Concession 1, West of Hurontario Street (Ching) Designated as Part 2, Plan 43R36981; Town of Caledon
PIN(s)	Part 1 - 14252-0966 (LT) and Part 2 - 14252-0967 (LT)
Municipal Address	No municipal address
Zoning	A1 – Agricultural
Area	approximately 30 hectares
Property Owner Information	Caledon 410 Developments Limited c/o Fieldgate Developments 5400 Yonge Street, 5 th Floor Toronto, Ontario M2N 5R5
Persons, other than Property Owner, who engaged the Qualified Person to conduct the Phase One ESA	None



3.0 SCOPE OF INVESTIGATION

3.1 Purpose of Investigation

The Phase One ESA was conducted to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in O.Reg. 153/04, as amended. The objectives of the Phase One ESA were as follows, per O.Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Property;
- to determine the need for a Phase Two Environmental Site Assessment;
- to provide a basis for carrying out any Phase Two Environmental Site Assessment required; and,
- to provide adequate preliminary information about environmental conditions in the land or water on, in or under the Property for the purpose of conducting a Risk Assessment following completion of a Phase Two Environmental Site Assessment (if required).

The principal tasks completed for the Phase One ESA included:

- a review of records and reports regarding historical and current use and activities for the Property and Study Area;
- interviews with available individuals having knowledge of current and/or past site activities;
- an inspection of the Property and observation of the Study Area; and,
- evaluation of the information obtained and documentation of the results.

Sampling and analysis of soil, ground water, or other materials (e.g. construction materials, air) was not conducted as part of Phase One ESA.

3.2 Records Review

The records review provides information on historical and current activities. The objectives of the records review were:

- to obtain and review records that relate to the current and past uses, site features and activities at the Property;
- to obtain and review records that relate to PCAs, water bodies, and areas of natural significance in the Phase One Study Area and the Property; and,
- based on the above, to provide an assessment of actual and/or potential contaminating activities and concerns with respect to the environmental condition of the Property.



The sources of information (if applicable) that were reviewed included:

- archival information for the Property including aerial photographs, topographic maps, historical maps and drawings;
- property specific environmental reports and/or operating records (e.g., Certificates of Approval, waste generator registration, approvals, permits) provided to Terraprobe Inc.;
- geological and hydrogeological information in published government maps, reports, and/or data bases;
- data bases maintained by Environmental Risk Information Services (ERIS) containing environmentally related information from private, provincial, and federal sources;
- available fire insurance plans and insurance inspection reports on file with Opta Information Intelligence;
- published Ontario (MOECC) directories related to active and closed landfill sites;
- Ontario Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Information Centre data base for information specific to natural areas, such as locations of environmentally sensitive areas;
- published information regarding the Official Plan and zoning information for the area;
- sensitivity mapping by the local Conservation Authority; and,
- wellhead protection mapping by the local Conservation Authority.

3.3 Interviews

The objectives of the interview were to review site activities to identify PCAs and/or potential contaminant pathways in, on, or under the Property. Key personnel were interviewed and asked questions related to specific site activities, such as:

- the nature of the operations;
- handling and storage of environmentally sensitive products and related wastes;
- environmental approvals and registrations;
- knowledge of previous reports related to the environmental condition of the Property;
- issues related to non-compliance, orders, or charges related to environmental conditions on the Property; and,
- construction and/or renovation work conducted on the Property.



3.4 Site Reconnaissance

The objectives of the site reconnaissance were:

- to identify PCAs on the Property based on observations of current and past uses;
- to identify PCAs in the Study Area based on observations of current and past uses; and,
- to identify potential pathways for contaminant migration at the Property and Study Area.

The site reconnaissance included a review and evaluation of PCAs, including the following:

- activities and practices including site operations, processes and waste management currently carried out on the Property;
- evidence of past waste disposal, landfill or fill placement on the Property;
- the presence of hazardous or toxic chemicals, materials or processes on the Property;
- the presence of existing or former aboveground or underground fuel storage tanks on the Property;
- identification of heating and cooling systems on the Property;
- the presence of floor cracks, hydraulic hoists, elevators, sumps and drains, wells, pits and lagoons on the Property;
- identification of water supply source to the Property;
- a review of waste management activities (generation, storage and disposal);
- identification of waste water discharges;
- the presence of various designated substances and building materials, including friable and nonfriable asbestos, PCB-containing materials and electrical equipment, lead-based paint, mould, and chlorofluorocarbons (CFCs) in air-conditioning and refrigeration equipment on the Property; and,
- evidence of stained or odorous soils and stressed vegetation on the Property.

In addition, an inspection of adjacent properties and the properties located within the Phase One Study Area was completed. The inspection of off-site properties was completed to identify PCAs, which may cause an APEC to be identified for the Property. The inspection of off-site properties was limited to inspection from the Property boundaries and from publicly accessible areas (roads, sidewalks, etc.).



3.5 Documentation and Evaluation of Information

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

- documentation of information, as noted in subsequent sections of the report;
- description of past occupants and site uses;
- description of PCAs;
- description of APECs; and,
- development of a Phase One Conceptual Site Model.



4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

As required under O.Reg. 153/04, the Phase One Study Area (Study Area) consisted of the area including the Property and any other properties that are located, wholly or partly, within 250 m from the nearest point on a boundary of the Property. Based on the geology, the historical development and land use on the Property and surrounding area, the Qualified Person (QP) determined that a 250 m radius around the Property was sufficient to identify PCAs that could potentially cause APECs on the Property. No additional properties outside the 250 m radius were included in the Study Area. The Phase One Study Area is shown on Figure 3.

4.1.2 First Developed Use Determination

The determination of first developed use was based on the review of aerial photographs, city directories and property ownership records. The details and evaluation of the above noted information sources are provided in subsequent sections of this report. Based on the evaluated information:

- The Property was first developed for agricultural and rural residential use prior to 1946.
- The Property has been in agricultural and rural residential use since it was first developed.

The table of Current and Past Land Uses of the Property is provided in Appendix B.

4.1.3 Fire Insurance Plans and Insurance Inspection Reports

Insurance inspection reports, Fire Insurance Plans (FIP), and site-specific plans were searched through Opta Information Intelligence, a private organization. It was reported that Opta did not have any records pertaining to the Property on file. A copy of the Opta report is included in Appendix C.

4.1.4 Chain of Title

A Chain of Title search for the Property dating back to 1917 was completed for the previous Phase One ESA completed by Terraprobe in 2007. Updated parcel registers were provided by the current Property owner to provide ownership information on the Property since 2007. The information is summarized below.

- The Property was owned by private individuals until October 22, 2001 (Part 1) and until November 30, 2004 (Part 2).
- The Property has been owned by a corporate entity since 2001 (Part 1) and 2004 (Part 2).
- The property was acquired by Caledon 410 Developments Limited, the current owner, on September 12, 2007.



The Chain of Title and updated parcel register are provided in Appendix D.

4.1.5 City Directory Search

Based on historical use of the Property of agricultural use, it was determined that a search of city directories to establish site occupancy was not required.

4.1.6 Environmental Reports

Terraprobe previously completed a Phase I ESA on the Property in 2007. The findings of that assessment were provided in the following report:

Report Title	Phase I Environmental Site Assessment, Part of Lot 19, Concession 1, Town of Caledon, Ontario; File No. 7-07-2082
Report Date	August 31, 2007
Prepared By	Terraprobe Inc. (formerly Terraprobe Limited)
Prepared For	Caledon 410 Developments Limited

The following summarizes the findings of that assessment.

- The majority of the Property was a relatively undisturbed agricultural field. Dense accumulations of trees and brush were established at the northwest and southeast corners of the Property. Development on the Property included a decrepit abandoned farmhouse and associated farm structures (i.e. barn and garages).
- Aerial photographs indicated that the Property was developed for agricultural use prior to 1946.
- Three empty above ground furnace oil storage tanks were observed on the Property. One tank was located on the north exterior wall of the house and two were in the basement. The tanks were in good condition with no evidence of staining or product loss in the areas around the tanks.
- Environmentally sensitive materials including automotive fuels and hydraulic oil were located in the garage of the Property. It was reported that there was no evidence of spillage or product loss.
- One water well was located west of the farm house.
- Potential issues of environmental concern associated with the use of herbicides, pesticides, fuel and lubricants were identified. However, the report indicated that the predominant soil conditions consisted of relatively low permeability clay and silt deposits which can provide a natural impedance to the transport/migration of contaminants. On this basis, residual impact related to the agricultural operations would likely be localized and surficial in nature.

Terraprobe was provided with the following letter report completed by Soil Engineers Ltd. in 2007 regarding fill that was imported to the site.



Report Title	Results of Chemical Analysis of Soil Samples Partacc West Developments Inc. Southeast corner of Mayfield Road and McLaughlin Road, City of Brampton Reference No. 0703-E031.3
Report Date	October 15, 2007
Prepared By	Soil Engineers Ltd.
Prepared For	Rand Engineering Corporation

The following summarizes the finding of the analysis:

- Seven soil samples were collected from various locations at a proposed residential subdivision site on September 26, 2007 for chemical analysis.
- The purpose of the analysis was to determine environmental soil quality of the material for reuse off-site. It is noted that no physical description of the soil was provided in the report.
- Samples were analyzed for general and inorganic parameters under the 'Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, dated March 9, 2004 (O.Reg. 153/04).
- The results of the testing indicated that all seven samples (SA1-SA7) met the March 9, 2004, Full Depth Background Site Condition Standards for Table 1 (Table 1 SCS), for agricultural/all other property usage.
- Since the time of the sampling, an amendment to O.Reg. 153/04 has taken effect. The results were compared to the updated 2011, O.Reg. 153/04 Table 1 SCS. It was determined that all the samples were below the 2011 Table 1 SCS, with the exception of cyanide. Although the level of cyanide was below the laboratory detection limit, the detection limit at the time of sampling was higher then the new 2011 standard. On this basis, the level of cyanide in the samples cannot be accurately compared to the 2011 Table 1 SCS.
- The type of material sampled and the historic use of the property were not identified in the report. A search of historical aerial photos indicated that the property was in agricultural use prior to development. On this basis, testing for herbicides and pesticides should have been carried out as part of the assessment.
- The letter was provided by Mara Samardzic of Fieldgate Developments Limited. Ms. Samardzic indicated the soil brought from above noted property was place on an agricultural portion of the Property and stockpiled. It was then spread to a thin layer over the field. The approximate volume of soil brought to the Property was indicated to be 1500m³.

Based on a review of air photographs, Terraprobe has determined that the source site for the fill may have been an agricultural property.

To our knowledge no other environmental reports were completed on the Property.



Terraprobe completed a Geotechnical Investigation on the Property in 2007. The findings of that assessment were provided in the following report:

Report Title	Preliminary Geotechnical Investigation, Part of Lot 19, Concession 1,Town of Caledon, Ontario; File No. 7-07-2081
Report Date	September 4, 2007
Prepared By	Terraprobe Inc. (formerly Terraprobe Limited)
Prepared For	Caledon 410 Developments Limited

The following summarizes the findings of that assessment.

- Ten boreholes were drilled to a depth of about 6.6 metres below existing ground surface.
- All of the boreholes were located in the agricultural field.
- The subsurface soil and ground water conditions observed on the site during the investigation included;
 - A layer of topsoil which was encountered at the ground surface at most borehole locations and varied in thickness between 100 and 300 mm.
 - Fill was encountered in borehole 7 to a depth of about 1 metre. The fill consisted of sandy silt with pockets of topsoil and evidence of wood.
 - All of the boreholes were terminated in a stratum of clayey silt till. The till contained embedded sand and gravel. The presence of cobble and boulders is characteristic of till deposits.
- All of the boreholes were dry upon completion of drilling.

The PCAs identified in the additional environmental reports are summarized below:

Location of PCA	PCA	Details
On-site	#30 – Importation of Fill Material of Unknown Quality	Fill was imported to the Property in 2007. Terraprobe has determined the source site may have been an agricultural property. Soil quality testing did not include analysis for organo-chlorine pesticides.
		Fill was encountered in Borehole 7 to a depth of about 1 metre at the approximate centre of the Property.
On-site	#28 – Gasoline and Associated Products Storage in Fixed Tanks	Fuel oil tank identified in the basement of former house.



4.2 Environmental Source Information

4.2.1 ERIS

Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property related environmental information. A search of the ERIS databases for the Property and Study Area was requested. The EcoLog ERIS search did not identify any records specific to the Property. The search identified a number of listings for sites located in the Study Area. These included the following. Specific details are provided in Appendix E.

Map Location/Address		Data	Comments	Direction/Distance
Кеу	Company/Site Name	Bases		(m)
5	25 Virginia Drive	PES	Listed as a pesticide operator. Interpreted to be cross gradient to the Property.	SSE/51
	Verde Property Maintenance			
6	12267 Hurontario Street	EXP, GEN,	Travelways School Transit Ltd Listed as an expired propane refill facility; waste	NE/96
	Travelsways School Transit Ltd	PRT	generator of oil skimmings' and sludges and waste oils and lubricants; owner of a private/retail fuel expired fuel storage tank	
	Laidlaw Transit Ltd.		– contents not identified.	
	Ministry of Transportation		Laidlaw Transit Ltd. – Listed as an expired propane vehicle centre; waste generator of aliphatic solvents, petroleum distillates, light fuels, oil skimmings' and sludges and waste oils and lubricants; owner of a private/retail fuel storage tank – contents not identified.	
			Ministry of Transportation – waste generator of inorganic laboratory chemicals, inert inorganic wastes, light fuels, PCB's, oil skimmings' and sludges, and waste oils and lubricants.	
			Interpreted to be down-gradient of the Property,	
16	12231 Hurontario Street	HINC	Fuel leak of unknown quantity on a commercial property. No additional information provided. Interpreted to be down-gradient of the Property.	ENE/184.3
20	19744 Highway 10	NPRI	Release of particulate matter into the air; interpreted to be down gradient from the	NNE/207.3
	Lafarge Canada		Property.	
26	12197 Hurontario Street	GEN	Generator of light fuels. Interpreted to be cross-gradient to the Property.	ENE/238.9
	2205302 Ontario Limited			



Data Base Descriptions

EXP	List of TSSA Expired Facilities		GEN	O.Reg. 347 Waste Generator Summary
HINC	TSSA Historical Incidents	PES	Pesticio	de Registry
PRT	Private and Retail Fuel Storage Tanks		NPRI	National Pollutant Release Inventory

On the basis of the above, the following have been identified as PCAs. Additional details are provided in Section 7.2 of the report.

Location of PCA	PCA	Details
12267 Hurontario Street	 #28 – Gasoline and Associated Products Storage in Fixed Tanks Other – Waste generator 	Expired and active fuel tanks and registered waste generator of oil skimmings, sludges, waste oils, lubricants, aliphatic solvents, petroleum distillates, light fuels, inorganic lab chemicals, inert inorganic wastes and PCBs located on commercial property.
12231 Hurontario Street	Other – Fuel Spill	Fuel leak of an unknown quantity on commercial property.
12197 Hurontario Street	Other – Waste generator	Waste generator of light fuels.

4.2.2 Other Source Information

The following other environmental information sources were searched as part of the Phase One ESA.

- A Freedom of Information (FOI) request was made to the MOECC. The FOI request determines if there is information regarding orders, investigations or other information on file at the MOECC with respect to the Property.
- The Technical Standards and Safety Authority (TSSA) was contacted in regards to records related to storage tanks for petroleum related products with respect to the Property.
- The Toronto and Region Conservation Authority regulation mapping was reviewed to determine if the Property was considered regulated under the Conservation Authorities Act and Ontario Regulations 42/06, 146/06 to 182/06 and 97/04.
- Municipal Zoning and the Official Plan for Caledon were reviewed.

The information requests and responses are provided in Appendix F and are summarized below.



Information Request	Response
MOECC FOI	The response from the MOECC Freedom of Information office indicated that they have no records on file pertaining to the Property.
TSSA	The response from the TSSA indicated that they have no records indicating the presence of fuel storage tanks on the property.
Conservation Authority	Toronto and Region Conservation Authority's online regulation mapping data base indicated that the property was not within an area regulated by the conservation authority.
Zoning	The local zoning by-law was reviewed. The Property is zoned A1 –Agricultural

In addition, the Town of Caledon Official Plan was reviewed. The following information was provided in this document:

Figure	Comments
Schedule A1 – Town of Caledon Land Use Plan	Property is located within an area designated as a Mayfield West, which is within as area designated as prime agricultural area.
Schedule B – Mayfield West Land Use Plan	The Property is located in a prime agricultural area.
Schedule O- Wellhead Protection Areas	The Property is not located within or adjacent to any areas designated as a wellhead protection area.
Schedule P-1 –Aquafer Vulnerability Area	The Property is not located within or adjacent to any area designated as a vulnerable aquafer.
Schedule P-2-Landform Conservation Areas	The Property is not located within or adjacent to any area designated as a landform conservation area.
Schedule S – The Greenbelt in Caledon	The Property is not located within any areas designated as part of the Greenbelt Plan, Niagara Escarpment Plan or Oak Ridges Moraine Conservation Plan Area.
Appendix I - Niagara Escarpment Plan	The Property is not located within or adjacent to the Niagara Escarpment.
Appendix II- Aggregate Resource Fragment	The Property is not located on or adjacent to any area designated as aggregate resource.



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4.3 Physical Setting Sources

4.3.1 Aerial Photographs and Historic Mapping

Aerial photographs and satellite imagery dating back to 1946 were reviewed. Aerial photographs and satellite images were selected based on available dates and scale in order to provide as much information as reasonably practical regarding the development of the Property and Study Area from first developed land use until the present development of the Property. The state of development of the Property and surrounding area is summarized in below:

Date	Source	Phase One Property	Phase One Study Area
1946	Aerial Photograph	interpreted agricultural and rural residential use; stand of trees at southwest corner of Property	area is predominately agricultural with occasional rural residential dwellings.
1974	Aerial Photograph	interpreted creek or surface water drainage ditch traversing northwest portion of Property; stand of mature trees at the northwest corner of the Property	slight increase is residential development along Hurontario Street to the south
1983	Ontario Base Map	several buildings located on the east side off the Property, off Highway 10	Canadian Pacific Rail line located to the immediate southwest of the Property; large interpreted commercial or institutional building located to the north
2005	Aerial Photograph	several large interpreted farm buildings on the east end of the Property near the entrance from Hurontario Street/Hwy 10	residential dwelling and associated buildings located on property to the immediate south of the Property; significant residential subdivision development to the south and northeast
2016	Aerial Photograph	buildings no longer present on the Property; mature trees remain in area of former buildings; remaining area still in interpreted agricultural	configuration of Hurontario Street/Hwy 10 significantly changed.; Property is accessed via a private road off Hurontario; Hurontario Street/Hwy 10 veers to the northeast and joins new highway located to the immediate east of the Property

Aerial photographs and the Ontario Base Map are presented in Appendix G.

4.3.2 Topography, Hydrology, Geology

A topographic map from the MNRF and the geological mapping produced by the Ontario Division of Mines and the Ontario Geological Survey were reviewed. Topographic maps and geological mapping are presented in Appendix H. The information collected from the mapping is summarized below:

Topography	The ground surface elevation of the Property is approximately 260 metres above mean sea level. The ground surface in the area of the Property slopes to southeast, towards Etobicoke Creek.
Hydrogeology	The nearest water body is Etobicoke Creek, located approximately 700 metres east of the Property. The approximate depth to ground water identified in the Water Well Records in the local area ranged from 12 to 18 metres below ground surface. Ground water is expected to flow in an east/southeasterly direction, toward Etobicoke Creek.
Geology (overburden)	The near surface soil at and in the vicinity of the Property generally consists of Pleistocene age, Late Wisconsinan Halton Till. Halton Till consists of red to brown, gritty to clayey silt till. The crest of a small moraine was indicated running in a northeast/southwest trending direction across the northern portion of the Property ¹ .
Geology (bedrock)	The bedrock under the Property is the Queenston Formation, which is comprised of Ordovician age red shale ² .
Geology (depth to bedrock)	Based upon historic borehole information from the MOECC well records online database, the depth to bedrock in the area of the Property is approximately 40 m.

4.3.3 Fill Materials

Based upon the historic use and development of the Property, it is likely that fill was imported to the Property. Granular material may have been placed on site to support the building foundations. Earth fill was identified in the 2007 Geotechnical Investigation completed on the Property. The report indicated approximately 1 metre of fill in one of the boreholes at the approximate centre of the Property.

In addition, information provided by a representative of the owner of the Property indicated fill was placed on the Property. The fill was placed on the agricultural portion of the Property. However, a specific location was not identified. A 2007 letter report completed by Soil Engineers Ltd. provided information on the environmental quality and origin of the fill. The report, completed in 2007, indicated that the fill met the 2004 MOECC applicable Table 1 site condition standards, which were the standards in affect at the time, for the parameters tested which included metals and inorganics. Comparison of the results to the current MOECC 2011 Table 1 site condition standards indicated that all the parameters met the current 2011 standards with the exceeded the current Table 1 standards. It should be noted that the exceedance of the laboratory detection limit does not necessarily imply impact as the cyanide was at non-detectable levels within the sample.

² Telford, P.G.; Paleozoic Geology, Brampton, Southern Ontario; Ontario Division of Mines; Map 2337; 1976



¹ Karrow, P.F. and Easton, J..; **Quaternary Geology of the Brampton Area, Southern Ontario**; Ontario Geological Survey; Map 2223; 2005

4.3.4 Water Bodies, Wetlands and Areas of Natural Significance

Mapping from the MNRF was reviewed to determine if water bodies were present on the Property and within the Study Area. The MNRF National Heritage Information Centre database for listings of Areas of Natural or Scientific Interest (ANSIs) was reviewed. The information is summarized below.

Water Bodies (Property)	No water bodies were identified on the Property.
Water Bodies (Study Area)	No water bodies were identified with the Study Area
Wetland	Provincially Significant
(Property)	• Two Provincially Significant wetlands were present on the Property. One is located at the southwest corner of the Property and the other is located at the northwest corner of the Property. Both wetlands are part of the Etobicoke Creek Headwater Wetland Complex.
	Non- Provincially Significant
	 No Non- Provincially Significant wetlands were present on the Property.
	Unevaluated
	 No Unevaluated wetlands were present on the Property.
Wetland	Provincially Significant
(Study Area)	 One Provincially Significant Wetland was located to the immediate southwest of the Property. It forms part of the same Etobicoke Creek Headwater Wetland Complex that is located at the southwest corner on the Property.
	Non-Provincially Significant
	No Non-Provincially Significant wetlands were present in the Study Area.
	Unevaluated
	 No unevaluated wetlands were present in the Study Area.
ANSIs	Provincially Significant Life Science ANSI
(Property)	No Life Science ANSIs were identified on the Property.
	Provincially Significant Earth Science ANSI
	No Earth Science ANSIs were identified on the Property.
ANSIs	Provincially Significant Life Science ANSI
(Study Area)	 No Life Science ANSIs were identified in the Study Area.
	Provincially Significant Earth Science ANSI
	No Earth Science ANSIs were identified on the Property.

4.3.5 Well Records

The MOECC well records database was searched through ERIS and through the MOECC online Water Well Database for records on the Property and in the Study Area (within 250 m). Water well records are provided in Appendix I. The information from the well records is summarized below.



Water Wells (Property)	No drinking water wells on the PropertySix other observation wells located on the Property
Water Wells (Study Area)	Twelve drinking water wells in the Study AreaFour observation wells were located within the Study Area
Stratigraphy	 0 to 30 m – brown till 30 m – 40 m silt and sand 40 – unknown – shale bedrock
Depth to Water Table	• 40 m (static water level at 12 – 18 m)
Depth to Bedrock	• 40 m

4.4 Site Operating Records

No site operating records were provided for review.



5.0 INTERVIEWS

Name	Mara Samardzic
Employer	Fieldgate Developments
Position or Title	Project Manager
Date	April 26, 2017
Location of Interview	Not applicable
Method of Interview	Telephone
Reason for Selection	Ms. Mara Samardzic of Caledon 410 is the Project Manager for the Property.
Assessment of the Information	The information provided appeared to be accurate.
Current and Past Site Activities	What are the current site activities? Please describe briefly, to the best of your knowledge, below.
	Agricultural
	How long has the site been used for its current purpose? How long has your company been at this location?
	Has always been in agricultural use. Caledon 410 has been associated with the Property since 2007.
	To your knowledge, has the site ever been used for:
	 Industrial operations (list any if known) On-site dry cleaning Fuel distribution or storage Vehicle servicing and/or maintenance No.
Items of Potential Environmental Concern	General Do site operations involve the storage and/or use of environmentally sensitive or hazardous products, such as paints, chemicals, fuels, oils and lubricants? No.



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Are herbicides, pesticides, or other agricultural chemicals being used on the property?
Do not know.
Are there any underground structures, such as in-ground hoists, pits, storage tanks, or oil/water separators located on the property?
Unknown.
Are you aware of any wells located on the property?
Yes. Monitoring wells for the purpose of an Environmental Impact Assessment. Monitoring wells located at the northwest and southwest corners of the Property were installed as a component of an Environmental Impact Assessment. The well at the centre of the Property was installed as part of an Environmental Assessment in connection with a future roadway.
Tanks
Are you aware of any existing or previous underground (buried) or aboveground tanks on the property?
She did not know if the tanks identified in the 2007 Phase I ESA had been removed from the house.
Are you aware of any leaks or spills associated with any existing or previous tanks on the property?
No.
Is there any documentation on file regarding removal of underground or aboveground tanks and/or related soil and ground water remediation at the property?
Unknown.
Polychlorinated Biphenyls (PCBs)
Are you aware of any PCB-containing electrical equipment on the property such as electrical transformers, large capacitors and electric motors manufactured prior to 1980?
No.
Is the site a registered PCB storage facility?
No.

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	Are you aware of any previous PCB leaks, spills or contamination on the property?
	No.
	Have there been any previous PCB surveys or removal of PCB-containing materials?
	Unknown.
Waste Generation and	Is the site registered as a waste generator with the MOECC (registered on HWIN)?
Emissions	No.
	Does the facility produce air emissions?
	No.
	Have any previous environmental assessments or studies been completed for the
Environmental Reports,	property with respect to soil, ground water, air quality, site facilities or processes?
Remediation and Public Agencies	None done since Terraprobe's Phase One ESA in 2007. Unaware if reports were done prior to that time.
	done prior to that time.
	Line any acid as around water remediation been completed at the property?
	Has any soil or ground water remediation been completed at the property?
	No.
	Has any public agency (e.g., the MOECC, local municipality, etc.) ever investigated or cited the property for violation or possible violation of any environmental law, or commenced enforcement or cleanup action under environmental law with respect to the property?
	Unknown.
	Has any public agency ever listed the property as a site requiring or qualifying for cleanup under environmental law?
	Unknown.
Miscellaneous	Do you have any other information, comments or concerns related to the environmental quality of the property?
	Ms. Samardzic indicated that the house located at the east side of the Property, burned down in 2015. She did not know if the above ground storage tanks were in the building at the time of the fire.
	Ms. Samardzic indicated that fill was placed on the Property. The exact location of the placement of fill was unknown, however she indicated that it was placed on the agricultural portion of the Property and spread to a thin layer. The location of the fill placed on the Property unknown. Ms. Samardzic provided a letter report identifying the origin and chemical analysis of the fill. Details of the fill are provided previous sections of this report.



6.0 SITE RECONNAISSANCE

6.1 General Requirements

Date of Investigation	April 12, 2017
Time of Investigation	13:00 – 15:30
Weather Conditions	Overcast, windy,+-6 °C
Duration of Investigation	Approximately 2.5 hours
Was the Facility Operating?	Not applicable
Person Conducting Investigation and Qualifications	James Kerr
Qualified Person Supervising Investigation and Qualifications	Peter A. Fortuna, P.Eng., P.Geo., QP _{ESA}

6.2 Specific Observations at Phase One Property

The site reconnaissance included a walking tour of the Property, as well as compiling written and photographic records. Site features are presented on Figure 2 (Phase One Property), and site photographs are presented in Appendix J.

6.2.1 Building and Structure Descriptions

No buildings or structures were located on the Property.

6.2.2 Designated Substances and Other Special Attention Items

The inspection was carried out in accessible areas and included an assessment of the potential presence of the following materials:

- Designated substances (i.e., acrylonitrile, asbestos, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, lead, mercury, silica, vinyl chloride);
- Polychlorinated biphenyls (PCBs);
- Ozone depleting substances;
- Urea-formaldehyde foam insulation (UFFI);
- Special attention items (i.e. mould radioactive materials).

The presence of these materials is summarized below.



Asbestos	No asbestos containing materials were observed on the Property at the time of the site inspection.
Lead	No materials containing lead were observed during the site inspection.
Mercury	No materials containing mercury were observed during the site inspection.
Other Designated Substances	None of the other designated substances identified above were observed during the inspection of the Property.
PCBs	No PCB-containing materials were observed during the site inspection.
Ozone Depleting Substances	No ozone depleting substances were observed on the Property.
UFFI	No UFFI products were observed during the site inspection.
Mould	No mould or areas of excessive dampness were observed during the site inspection.
Radioactive Materials	No manmade sources of radiation were observed during the site inspection.
Herbicides and Pesticides	No herbicides or pesticides were observed on the Property during the site inspection.

6.2.3 Below Ground Structures

No below ground structures were observed on the Property during the site inspection.

6.2.4 Above Ground Storage Tanks

No above ground storage tanks (or evidence of above ground storage tanks) were observed on the Property at the time of the site inspection.

6.2.5 Underground Storage Tanks

No underground storage tanks (or evidence of underground storage tanks) were observed on the Property at the time of the site inspection.

6.2.6 Exterior Site Conditions

The majority of the Property consisted of gently rolling agricultural land with a slight slope to the southwest. Two woodland areas were located at the northwest and southwest corners of the Property. A marsh area was located in the approximate centre of the wooded area at the northwest corner of the Property. The outline of the foundation of the house previously located on the east side of the Property was observed. All other buildings at the east side of the Property identified in the previous 2007 Phase I ESA were demolished and the areas were overgrown with vegetation. Small piles of debris were observed in the area of the former buildings. Debris piles were also located in the wooded area at the southwest corner of the Property. Additional details of the Property are provided below.



Water Sources	The Property did not appear to be connected to the municipal water system at the time of the site inspection.
Underground Utilities and Services	 The inspection of the Property indicated the following information related to utility services: A catch basin was located on the south central Property line. There was no evidence of other utilities currently entering the site.
Current and Former Wells	No drinking water supply wells were observed on the property at the time of the site inspection. Six monitoring wells were observed across the Property. Three were located at the northwest corner, two were located at the southwest corner, and one was located in the approximate centre of the Property. As indicated in Section 6.0, the wells at the northwest and southwest corners of the Property were installed as a component of an Environmental Impact Assessment. The well at the centre of the Property was installed as part of an EA in connection with a future road way.
Sewage Works	The Property does not appear to be connected to the municipal sanitary system.
Railways	No railways were observed on the property. A CP rail line was located along the diagonal portions of the southwest Property line. The track parallels the Property boundary for approximately 320 metres before the Property boundary turns to the northeast.
Stained and Odorous Soils	No areas of surface staining or odorous soils were observed on the Property.
Stressed Vegetation	No evidence of stressed vegetation was noted on the Property during the site inspection.
Fill Materials	No obvious fill materials were observed on the property. Fill may have been imported to the Property to backfill the foundations of former buildings at the east side of the site. Fill was placed on the agricultural portion of the Property. Details of the environmental quality of the fill are provided in Section 4.3.3 of this report. The location of the placement of the fill and the quantity of the fill was not identified. Information on the origin and environmental quality of the fill was provided to Terraprobe. The information indicated that the fill meets the O.Reg 153/04 Table 1 site condition standards for agricultural and other property uses. As previously indicated, testing did not include organo-chlorine pesticides and Terraprobe has determined that the source site may have been an agricultural property.
Watercourses, Ditches or Standing Water	Two streams enter the Property from the north and one stream flows off the Property to a catch basin at the south central Property line. A small marsh area was located at the northeast corner of the woodland at the northwest corner of the Property. Several areas of standing water were observed in the low lying areas across the Property. A particularly large area of standing water was observed long the south central portion of the Property in the area where the stream leaves the site. A catch basin has been installed in this area to divert surface runoff from entering the yards of the residential properties near this area.



Air Emissions	No sources of air emissions were observed at the time of the site inspection.
Roads, Parking Facilities, and Right-of-Ways	Access to the property is via a gravel driveway off the west side of Hutchinson Farm Lane. No parking facilities or right-of-way's were evident.
Waste Handling	There was no active generation of waste on the Property. Three piles of debris consisting of a mix of wood, brush and scrap metal were observed across the site. One was located in the area of the former buildings at the east side of the Property, and two were located at the southwest corner in the wooded area.

6.3 Enhanced Investigation Property

The current and historical activities do not qualify the Property as an Enhanced Investigation Property.

6.4 Investigation of Phase One Study Area

At the time of the site inspection, the land uses noted on the properties immediately adjacent to the Property as summarized below.

Direction	Land Uses	
North	Agricultural, Institutional	
East	Hutchinson Farm Lane, Highway 410.	
South	Residential	
West	Agricultural, CP railway	

Observations of the study area were limited to public areas (i.e. streets, sidewalks) or from the Property boundaries. There were no obvious areas of potential environmental concern identified in the study area. Adjacent property uses are identified in Figure 4 (Adjacent Property Land Uses).

6.5 Written Description of Investigation

The site reconnaissance included a walking tour of the Property conducted on April 12, 2017, by James Kerr. The tour consisted of an inspection of the Property and all building and structures (if present). Written and photographic records regarding the condition of the Property were compiled.



6.6 Potentially Contaminating Activities

The area of the former residence has been backfilled to grade level. No details on nature or environmental quality of the material that was used was provided. This is identified as a PCA (#30 - Importation of Fill Material of Unknown Quality).



7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Current and past uses of the Property were determined from historical aerial photographs, chain of title documents and city directories. The current and past uses of the site are provided in Appendix B, in a form approved by the MOECC under O.Reg. 153/04.

7.2 Potentially Contaminating Activities

The Phase One Environmental Site Assessment identified the following Potentially Contaminating Activities (PCAs) on the Property and within the Study Area. The locations of the PCAs are illustrated in Figure 5.

Location of PCA	PCA	Potential APEC (Yes/No)	Justification
Phase One Property	#30 – Importation of Fill Material of Unknown Quality	Yes	It has been determined the source site for fill that was imported to the Property may have been in agricultural use. Testing for organo-chlorine pesticides was not carried out. In addition, fill of unknown quality was encountered in the boreholes completed during the 2007 Geotechnical Investigation, and the nature and quality of the material used to backfill the basement of the former residence is unknow
Phase One Property	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large- Scale Applications.	Yes	The Phase One Property was historically used for farming purposes. Large-scale applications of herbicides and pesticides are possible. PCA has potential to cause an APEC on the Property.
Phase One Property	Other – House fire on property #28 - Gasoline and Associated Products Storage in Fixed Tanks	Yes	Fires can result in the incomplete combustion of materials which can lead to elevated concentrations of metals and polycyclic aromatic hydrocarbons (PAHs). A furnace oil tank was previously identified in the basement of the house that burned down. The representative of Caledon 410 indicated that she did not know if the fuel oil tank had been removed prior to the fire. Fuel oil can result in the elevated concentrations of petroleum hydrocarbons and PAHs.



Location of PCA	PCA	Potential APEC (Yes/No)	Justification
12267 Hurontario Street	#28 - Gasoline and Associated Products Storage in Fixed Tanks Other – Waste generator	No	Expired fuel tanks and waste generators located approximately 95 m to the northeast and down gradient of the Property. No interpreted potential for impact.
12231 Hurontario Street	Other – Fuel Spill	No	Spill located approximately 185 m to the east/northeast and down gradient of the Property. No interpreted potential for impact.
12197 Hurontario Street	Other – Waste generator	No	Waste generator located approximately 240 m to the east/northeast and down gradient to the Property. No interpreted potential for impact.

7.3 Areas of Potential Environmental Concern

The Potentially Contaminating Activities identified in Section 7.2 were evaluated for their potential to create an Area of Potential Environmental Concern on the Phase One Property through consideration of:

- the type of PCA;
- the potential magnitude of the PCA (e.g. small-scale waste generation versus significant commercial activity);
- the Potential Contaminants of Concern (PCoC) associated with the PCA;
- the nature of those PCoCs in terms of their mobility in soil, ground water, and sediment as applicable;
- the anticipated direction of ground water flow;
- the anticipated hydraulic conductivity of saturated media; and,
- the distance between the PCA and the Property.

The analysis and rationale used to determine that a particular PCA does not create an APEC is provided in Section 7.2. The APECs identified are presented in a form approved by the Director in Appendix K.

The physical area of each APEC is illustrated on Figure 6 (APEC Locations). Please note that the area illustrated does not necessarily represent the complete potential area of impact, but represents the most likely potential area of impact, and thus represents the area that would require intrusive investigation in a Phase Two ESA should a Phase Two be conducted.



7.4 Phase One Conceptual Site Model

The Phase One Conceptual Site Model (Phase One CSM) is presented in Appendix L and includes Figures 1 through Figure 6.

7.5 Uncertainty or Absence of Information

A discussion and description of how any uncertainties or absence of information may affect the conclusion as to the presence of any APEC or the validity of the Phase One CSM is provided in the table below.

Component	Uncertainty of Absence of Information	Effect on Phase One CSM
Fire Insurance Plans	Fire Insurance Plans which include the Phase One Property were not available for the Property or the Study Area.	Based upon the historic information reviewed and the nature of the land use of the Property, it was belief of the QP that not being able to obtain FIPs did not pose a significant void in the information on historical or current site activities that would significantly affect the Phase One CSM.
Chain of Title	Chain of Title dating back to 1917 was acquired. A void or absence of information does exist for this for this component between the time of crown ownership and 1917.	Based upon the historic information reviewed and the nature of the Land Use of the Property, it was belief of the QP that not being able to obtain land owner information prior to 1917 did not pose a significant void in the information on historical or current site activities that would significantly affect the Phase One CSM.
Environmental Reports	Terraprobe Inc. completed a previous Phase I ESA report and Geotechnical Investigation for the Property. Terraprobe was advised by Caledon 410 that the soil quality letter report completed by Soil Engineers Ltd. was the only other environmental report on file. As such, there exists no known void or absence of information for this component.	No anticipated effect upon the Phase One CSM
Environmental Source Information	Environmental Source Information was searched through a combination of Environmental Risk Information Services (ERIS) and Freedom of Information requests (FOI). As such, there exists no known void or absence of information for this component.	No anticipated effect upon the Phase One CSM



Component	Uncertainty of Absence of Information	Effect on Phase One CSM
Aerial Photographs	Aerial photographs were obtained from a combination of federal, provincial, municipal and private sources. The series of air photos selected represent the development of the Phase One Property and Phase One Study Area. As such, there exists no known void or absence of information for this component.	No anticipated effect upon the Phase One CSM
Topography, Hydrogeology and Geology	The Topography, Hydrogeology and Geology were evaluated through available resources from the MNRF as well as Water Well Records. As such, there exists no known void or absence of information for this component	No anticipated effect upon the Phase One CSM
Water Bodies and Areas and Natural Significance	Water Bodies and Areas and Natural Significance were evaluated through available resources from the MNRF, local conservation authorities and the MOECC. As such, there exists no known void or absence of information for this component	No anticipated effect upon the Phase One CSM
Well Records	Well Records were provided through the summary provided by Environmental Risk Information Services (ERIS) as well as the MOECC Water Well Information System (WWIS). As such, there exists no known void or absence of information for this component	No anticipated effect upon the Phase One CSM
Site Reconnaissance	Unrestricted access to the Phase One Property was provided during the Site Reconnaissance. As such, there exists no known void or absence of information for this component	No anticipated effect upon the Phase One CSM
Interviews	Interviews with persons knowledgeable regarding the current and historic environmental condition of the Phase One Property were conducted. As such, there exists no known void or absence of information for this component	No anticipated effect upon the Phase One CSM

Based upon the information obtained, as noted above, it is the belief of the QP that there are no significant uncertainties or absence of information that would affect the conclusion as to the presence of an APEC or the validity of the Phase One Conceptual Site Model.

8.0 CONCLUSIONS

8.1 Phase Two ESA Required Before Record of Site Condition

The Potentially Contaminating Activities on the Property and in the Study Area were determined based upon the assessment of the information contained within Section 4.0 Records Review, Section 5.0 Interviews and Section 6.0 Site Reconnaissance of this report. Areas of Potential Environmental Concern were identified for the Phase One Property.

As such, a Phase Two Environmental Site Assessment is required prior to the preparation and submission of a Record of Site Condition.

8.2 Record of Site Condition Based on Phase One ESA Alone

Based upon the review and evaluation of the information gathered from the Phase One ESA a Record of Site Condition cannot be filed based upon a Phase One ESA alone.

8.3 Signatures

The Phase One Environmental Site Assessment has been completed under the direction and supervision of Amber Brooks, B.Sc., and Peter A. Fortuna, P.Eng., P.Geo., QP_{ESA} . The findings and conclusions presented in this report have been determined on the basis of the information that was obtained and reviewed, and on an assessment of the existing conditions on the Phase One Property and properties within the Phase One Study Area.

The Phase One Environmental Site Assessment was completed in accordance with Ontario Regulation 153/04 (Records of Site Condition–Part XV.1 of the Environmental Protection Act). The objectives and requirements set out in that Ontario Regulation 153/04, for a Phase One Environmental Site Assessment, were applied in carrying out this environmental site assessment and preparation of the report. The Phase One Environmental Site Assessment met the requirements set out in that Ontario Regulation 153/04.

Amber Brooks, B.Sc. Environmental Scientist



OF

Peter A. Fortuna, P.Eng., P.Geo., QP _{ESA} Associate

9.0 QUALIFICATIONS OF THE ASSESSORS

Peter A. Fortuna, P.Eng., P.Geo., QP_{ESA}

Mr. Peter Fortuna, P. Geo., P.Eng. is a Senior Environmental Engineer with over thirty years of experience in the fields of geoscience and environmental assessment. Mr. Fortuna is registered as a Qualified Person (QP) under O.Reg. 153/04. He has provided environmental consulting services to various clients in both the private and public sector since 1989. He has directed environmental investigations ranging from Phase One and Phase Two Environmental Site Assessments to site remediation projects.

Mr. Fortuna is an Associate of Terraprobe Inc. and is responsible for environmental projects completed from Terraprobe's Stoney Creek office. He holds a Bachelor of Applied Science (B.A.Sc.) degree from the University of Windsor (1974).

Amber D. Brooks, B.Sc.

Mrs. Brooks is an Environmental Scientist with over ten years of experience in the fields of environmental and geotechnical assessment. She has experience in all aspects of environmental assessments on a variety of properties. She has considerable experience in Phase One Environmental Assessments, Phase Two Environmental Site Assessments, and site remediation, including the review and interpretation of the related analytical data and preparation of reports. Mrs. Brooks holds a Bachelor of Science degree (B.Sc.) from Saint Mary's University (2004).

Terraprobe Inc.

Terraprobe Inc. is a consulting engineering firm that was established in 1977. The head office is located in Brampton, Ontario. Branch office locations include Stoney Creek, Barrie, and Sudbury. Terraprobe Inc. holds certificates of practices / licences to provide environmental consulting services with both the Professional Engineers of Ontario and the Association of Professional Geoscientists of Ontario.



10.0 LIMITATIONS AND USE OF THE REPORT

This report was prepared for the exclusive use of Caledon 410 Developments Ltd. c/o Fieldgate Developments and their legal counsel, and is intended to provide an assessment of the environmental conditions on the property identified as Part of Lot 19, in Caledon, Ontario.

Unless otherwise authorized by Terraprobe Inc., any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Terraprobe Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report, including consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The assessment should not be considered a comprehensive audit that eliminates all risks of encountering environmental problems. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by Terraprobe Inc. It is based on the conditions on the Phase One Property at the time of the site inspection supplemented by a review of historical information to assess the environmental conditions regarding the Phase One Property, as reported herein.

Sampling and analysis of soil, ground water or any other material was not carried out as part of this assessment. Consequently, the presence and/or extent of any adverse environmental impact cannot be verified. The potential for environmental liability and/or environmental impact is an opinion that has been arrived at within the scope of this assessment.

In assessing the environmental conditions/history of the Phase One Property, Terraprobe Inc. has relied in good faith on information provided by others, as noted in this report, and has assumed that the information provided by those individuals is factual and accurate. Terraprobe Inc. accepts no responsibility for any deficiency, misstatement or inaccuracy in this report resulting from the information provided by those individuals.

There is no warranty expressed or implied by this report regarding the environmental status of the Phase One Property. Professional judgement was exercised in gathering and analysing information collected by our staff, as well as that submitted by others. The conclusions presented are the product of professional care and competence, and cannot be construed as an absolute guarantee.

In the event that during future work new information regarding the environmental condition of the Phase One Property is encountered, or in the event that the outstanding responses from the regulatory agencies indicate outstanding issues on file with respect to the Phase One Property, Terraprobe Inc. should be notified in order that we may re-evaluate the findings of this assessment and provide amendments, as required.



FIGURES



Terraprobe Inc.
















TABLE OF CURRENT AND PAST LAND USES **APPENDIX B** Terraprobe Inc.

TABLE OF CURRENT AND PAST USES OF THE PHASE ONE PROPERTY(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
	Part Lot	19, Con. 1, Designated as Part 1 - PIN 14252-	0966 (LT)	
2007 to Present	Caledon 410 Developments Limited	Interpreted agricultural	Agriculture or Other Use	2016 AP indicates residential and associated structures no longer present on the Property. Information provided by owner representative indicated that the residence burned down in 2015 and the other buildings were demolished in 2015 and 2016.
2001 to 2007	Fernbrook Homes (Mayfield) Limited	Interpreted agricultural/residential	Residential and Agriculture or Other Use	Phase I ESA completed in 2007 indicated rual residential and agricultural use.
1987 to 2001	George and Marilyn Hutchinson	Interpreted agricultural/residential	Residential and Agriculture or Other Use	no other observations
1956 to 1987	Doris and Frederick Hutchinson	Interpreted agricultural/residential	Residential and Agriculture or Other Use	1974 AP and 1983 OBM indicates several small structures in northwestern corner of Property.
Prior to 1917 to 1956	Herbert W. Nicholson	Interpreted agricultural/residential	Residential and Agriculture or Other Use	1946 AP indicates interpretted rural residential and agricultural use.
	Part Lot	19, Con. 1, Designated as Part 2 - PIN 14252-	0967 (LT)	
2007 to Present	Caledon 410 Developments Limited	Interpreted agricultural and undeveloped	Agriculture or Other Use	2016 AP indicates interpreted agricultural use and undeveloped forested area.
2004 to 2007	Fernbrook Homes (Mayfield West) Limited	Interpreted agricultural and undeveloped	Agriculture or Other Use	2005 AP indicates interpreted agricultural use and undeveloped forested area.
1987 to 2004	Ronald and Helena Hutchinson	Interpreted agricultural and undeveloped	Agriculture or Other Use	no other observations
1956 to 1987	Doris and Frederick Hutchinson	Interpreted agricultural and undeveloped	Agriculture or Other Use	1974 AP indicates interpreted agricultural use and undevelped forested area.
1919 to 1956	Mary L. Nicholson	Interpreted agricultural and undeveloped	Agriculture or Other Use	1946 AP indicates interpreted agricultural use and undeveloped forested area.

Notes:

SI is satellite imagery

AP is aerial photograph

CD is city directory

FIP is fire insurance plan

HM is Historic Map

OBM is Ontario Base Map

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

Agriculture or Other, Commercial, Community, Industrial, Institutional, Parkland, Residential





enviroscan



An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

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

Report Completed By:

Anthony

Site Address: Hurontario Street Caledon ON Canada

Project No:

717003941 Opta Order ID: 34647 Requested by: Amber Brooks Terraprobe Inc.

Date Completed: 4/13/2017 7:37:41 AM



ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions **Requested by:**



OPTA INFORMATION INTELLIGENCE

Project #: 717003941 P.O. #: Amber

Amber Brooks Date Completed: 04/13/2017 07:37:41

ТΜ **Opta Historical Environmental Services Enviroscan Terms and Conditions**

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

Toll Free: 905.882.6300

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www.optaintel.ca

F: 905.882.6300



70-YEAR CHAIN OF OWNERSHIP

Ref: File 7-07-2082

Lands:	100 acres = on the West side of Hurontario St (Hwy 10) just N. of Collingwood Ave. (Caledon	
	just N. of Collingwood Ave & Caledon	
(*	PINS 14252-0950LT \$ 14252-0130 LT	

Current Owner: 14252-0950 - FERNBROOK HOMES (MAYFIELD) LIMITED 14252-0130 - FERNBROOK HOMES (MAYFIELD WEST) LIMITED

Deed Number	Owner	Bought	Sold
PIN 14252	-0950 IT	-	
1 IN 1-7 232	HERBERT W. NICHOLSON	PRE 1917	08 JUN '56
24307	DORIS J. HUTCHINSON \$	08 JUN 56	30 DEC '87
	FREDERICK G. HUTCHINSON		Ę
830690	GEORGE KENNETH HUTCHINSON	30 DEC '87	22 007 2001
	MARILYN CAROL HUTCHINSON		
PR156167	FERNBROOK HOMES (MAYFIELD)	22 OCT 2001	TO DATE
*) (***) * ***	LIMITED		
×2			
PIN 14252	- 0130 LT		
	,		
13542	MARY L. NICHOLSON	2 JUN 1919	08 JUN 56
24308	DORIS J. HUTCHINSON &	08 JUN 56	30 DEC 87
•	FREDERICK G. HUTCHINSON		
830685	RONALD LESLIE KEITH HUTCHINSON	30 DEC '87	30 NOV 2004
	SHELENA RUTH HUTCHINSON		
PR 764652	FERNBROOK HOMES (MAYFIELD	30 NOV 2004	TO DATE
	WEST) LIMITED		
			4

Prepared by: Doris Hunter Accu-Search Limited Tel. (416) 459-7810 Fax. (905) 459-5971



REMARKS: PR2838357

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND PAGE 1 OF 1 REGISTRY PREPARED FOR TUrsomarzo OFFICE #43 14252-0966 (LT) ON 2016/03/11 AT 12:33:12 * CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT * PROPERTY DESCRIPTION: PART LOT 19, CON 1, WHS (CHING), DESIGNATED AS PART 1, PLAN 43R36981; TOWN OF CALEDON FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2016/02/02. PROPERTY REMARKS: ESTATE/OUALIFIER: RECENTLY: FIN CREATION DATE: FEE SIMPLE RE-ENTRY FROM 14252-0950 2016/02/02 LT ABSOLUTE PLUS OWNERS' NAMES CAPACITY SHARE CALEDON 410 DEVELOPMENTS LIMITED CERT/ INSTRUMENT TYPE PARTIES TO REG. NUM. DATE AMOUNT PARTIES FROM CHXD ** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ** **SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND * ** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE ** ** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. ** PR1333815 2007/09/12 TRANSFER \$28,025,300 FERNBROOK HOMES (MAYFIELD) LIMITED CALEDON 410 DEVELOPMENTS LIMITED С REMARKS: PLANNING ACT STATEMENTS PR2128280 2011/12/22 CHARGE \$22,000,000 CALEDON 410 DEVELOPMENTS LIMITED THE BANK OF NOVA SCOTIA С 43R36981 2016/02/02 PLAN REFERENCE C PR2862911 2016/02/02 APL ABSOLUTE TITLE CALEDON 410 DEVELOPMENTS 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.

REMARKS: PR2838357

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND PAGE 1 OF 1 REGISTRY PREPARED FOR TUrsomarzo OFFICE #43 14252-0967 (LT) ON 2016/03/11 AT 12:34:44 * CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT * PROPERTY DESCRIPTION: PART OF LOT 19, CON 1, WHS (CHING) DESIGNATED AS PART 2, PLAN 43R36981; TOWN OF CALEDON PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2016/02/02. ESTATE/OUALIFIER: RECENTLY: PIN CREATION DATE: FEE SIMPLE RE-ENTRY FROM 14252-0130 2016/02/02 LT ABSOLUTE PLUS OWNERS' NAMES CAPACITY SHARE CALEDON 410 DEVELOPMENTS LIMITED CERT/ REG. NUM. INSTRUMENT TYPE DATE AMOUNT PARTIES FROM PARTIES TO CHKD ** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ** **SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND * ** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE ** * * TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. ** PR1333816 2007/09/12 TRANSFER \$250,000 FERNBROOK HOMES (MAYFIELD WEST) LIMITED CALEDON 410 DEVELOPMENTS LIMITED С REMARKS: PLANNING ACT STATEMENTS PR2128280 2011/12/22 CHARGE \$22,000,000 CALEDON 410 DEVELOPMENTS LIMITED THE BANK OF NOVA SCOTIA С 43R36981 2016/02/02 PLAN REFERENCE C PR2862911 2016/02/02 APL ABSOLUTE TITLE CALEDON 410 DEVELOPMENTS LIMITED C

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DATABASE REPORT

Project Property:	Part Lot 19, Concession 1,
	Part Lot 19, Concession 1
	Caledon ON
Project No:	7-17-0039-41
Report Type:	RSC Report - Quote
Order No:	20170327039

Terraprobe Ltd

Requested by:

Date Completed: March 30, 2017

9 , Concession 1, Caledon 9, Concession 1 0N 0-41 ort - Quote

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:

Project No:

Part Lot 19, Concession 1 Caledon ON

7-17-0039-41

20170327039

March 27, 2017

Terraprobe Ltd RSC Report - Quote

Part Lot 19, Concession 1, Caledon

Order Information:

Order No: Date Requested: Requested by: Report Type:

Additional Products:

Topographic Map

Ontario Base Map (OBM)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
СА	Certificates of Approval	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	9	9
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	3	3
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	10	10
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	3	3
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	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

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal	Y	0	0	0
NEBW	Sites 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	13	13
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
PINC	TSSA Pipeline Incidents	Y	0	0	0
PIPELINE	National Energy Board Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
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	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	15	16
		Total:	1	57	58

Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	WWIS		lot 19 con 1 ON	-/0.0	0.00	<u>17</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>2</u>	EHS		12272 and 12290 Hurontaio Street Caledon ON	NE/1.3	-0.01	<u>19</u>
<u>3</u>	EHS		12290 Hurontario St Brampton ON	NNE/2.4	-0.24	<u>19</u>
<u>4</u>	EHS		North corner of Valleywood Blvd and Hurontario St	NNE/48.2	0.00	<u>20</u>
<u>5</u>	PES	VERDE PROPERTY MAINTENANCE LTD	Caledon ON 25 VIRGINIA DR BRAMPTON ON L7A 2E6	SSE/51.1	0.00	<u>20</u>
<u>6</u>	EXP	TRAVELWAYS LTD	12267 HURONTARIO ST SNELGROVE ON	NE/96.4	-2.03	<u>20</u>
<u>6</u>	EXP	LAIDLAW TRANSIT LTD	12267 HURONTARIO ST BRAMPTON ON	NE/96.4	-2.03	<u>20</u>
<u>6</u>	EXP	TRAVELWAYS LTD	12267 HURONTARIO ST SNELGROVE ON	NE/96.4	-2.03	<u>21</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD	12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	NE/96.4	-2.03	<u>21</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD.	12267 HURONTARIO ST., SNELGROVE C/O 30 HERITAGE RD. MARKHAM ON L3P 1M4	NE/96.4	-2.03	<u>21</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD.	12267 HURONTARIO ST. SNELGROVE ON LOP 1M0	NE/96.4	-2.03	<u>22</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD.	12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	NE/96.4	-2.03	<u>22</u>
<u>6</u>	GEN	TRAVELWAYS SCHOOL TRANSIT LTD	12267 HUONTARIO STREET SNELGROVE ON LOP 1M0	NE/96.4	-2.03	<u>22</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD. 38-034	12267 HURONTARIO ST. C/O R.R. #2 BRAMPTON ON L6V 1A1	NE/96.4	-2.03	<u>23</u>
<u>6</u>	GEN	Ministry of Transportation	12267 Hurontario Street RR#2 Part Lot 19 1EHS Brampton ON L6V 1A0	NE/96.4	-2.03	<u>23</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD.	12267 HURONTARIO STREET R.R.#2 BRAMPTON ON L6V 1A1	NE/96.4	-2.03	<u>24</u>
<u>6</u>	GEN	LAIDLAW TRANSIT LTD. 38-034	12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	NE/96.4	-2.03	<u>24</u>
<u>6</u>	PRT	TRAVELWAYS LTD	12267 HURONTARIO ST SNELGROVE ON	NE/96.4	-2.03	<u>25</u>
<u>6</u>	PRT	LAIDLAW TRANSIT LTD	12267 HURONTARIO ST BRAMPTON ON	NE/96.4	-2.03	<u>25</u>
<u>7</u>	WWIS		lot 20 con 1 ON	N/109.5	-2.09	<u>25</u>
<u>8</u>	WWIS		BRAMPTON ON	NE/125.5	-2.96	<u>26</u>
<u>9</u>	WWIS		Springwater ON	SSE/130.9	0.00	<u>28</u>
<u>10</u>	WWIS		lot 18 con 1 ON	ENE/133.2	-1.03	<u>30</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>11</u>	WWIS		lot 19 con 1 BRAMPTON ON	NE/141.6	-3.07	<u>32</u>
<u>12</u>	EHS		12190 Hurontario Street Brampton ON	E/145.4	-1.90	<u>35</u>
<u>12</u>	HINC		12190 HIGHWAY 10 BRAMPTON ON	E/145.4	-1.90	<u>35</u>
<u>13</u>	EHS		12197 Hurontario Street Brampton/Calendon ON L6Z 4P8	E/172.0	-2.10	<u>36</u>
<u>14</u>	WWIS		lot 19 con 1 ON	E/179.8	-2.01	<u>36</u>
<u>15</u>	EHS		12211, 12231 and 12233 Hurontario Street Caledon ON	ENE/180.8	-1.99	<u>38</u>
<u>16</u>	HINC		12231 HURONTARIO STREET [HIGHWAY 10]	ENE/184.3	-1.94	<u>38</u>
<u>17</u>	WWIS		BRAMPTON ON lot 19 con 1 ON	ENE/185.8	-2.34	<u>39</u>
<u>18</u>	EHS		Huronontario and Highwood Rd Caledon ON	ENE/186.8	-3.22	<u>41</u>
<u>19</u>	WWIS		CALEDON ON	NE/195.6	-3.96	<u>41</u>
<u>20</u>	NPRI	Lafarge Canada inc.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>43</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>43</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>44</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 Highway No. 10 Caledon ON L0N 1C0	NNE/207.3	0.00	<u>44</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>45</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>45</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>47</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>47</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>48</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>48</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>48</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>49</u>
<u>20</u>	NPRI	LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	NNE/207.3	0.00	<u>49</u>
<u>21</u>	WWIS		lot 18 con 1 ON	E/215.7	-2.98	<u>50</u>
<u>22</u>	EHS		Highwood Drive Brampton ON	ENE/218.2	-4.20	<u>52</u>
<u>23</u>	WWIS		ON	N/220.2	-1.01	<u>52</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>24</u>	WWIS		con 1 ON	N/228.0	-1.12	<u>53</u>
<u>25</u>	EHS		Highwood Rd Hurontario St Brampton ON	E/236.0	-4.01	<u>54</u>
<u>26</u>	GEN	2205302 Ontario Limited	12197 Hurontario Street Brampton ON L6Z 4P8	ENE/238.9	-4.70	<u>54</u>
<u>26</u>	RSC	2205302 Ontario Limited	12197 Hurontario Street, Brampton, Ontario, L6Z 4P8 ON L6Z 4P8	ENE/238.9	-4.70	<u>54</u>
<u>27</u>	WWIS		CALEDON ON	E/241.6	-3.53	<u>55</u>
<u>28</u>	WWIS		lot 19 con 1 ON	NE/264.6	-2.47	<u>57</u>
<u>29</u>	WWIS		lot 18 con 1 ON	E/265.0	-4.01	<u>59</u>
<u>30</u>	WWIS		lot 18 con 1 ON	E/290.6	-4.00	<u>61</u>
<u>31</u>	HINC		20 HESKETH COURT CALEDON ON L7C 1C6	N/294.8	0.21	<u>63</u>

Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 9 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
	12272 and 12290 Hurontaio Street Caledon ON	1.3	<u>2</u>
	12290 Hurontario St Brampton ON	2.4	<u>3</u>
	North corner of Valleywood Blvd and Hurontario St	48.2	<u>4</u>
	Caledon ON 12190 Hurontario Street Brampton ON	145.4	<u>12</u>
	12197 Hurontario Street Brampton/Calendon ON L6Z 4P8	172.0	<u>13</u>
	12211, 12231 and 12233 Hurontario Street Caledon ON	180.8	<u>15</u>
	Huronontario and Highwood Rd Caledon ON	186.8	<u>18</u>
	Highwood Drive Brampton ON	218.2	<u>22</u>
	Highwood Rd Hurontario St Brampton ON	236.0	<u>25</u>

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Oct 31, 2016 has found that there are 3 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TRAVELWAYS LTD	12267 HURONTARIO ST SNELGROVE ON	96.4	<u>6</u>
TRAVELWAYS LTD	12267 HURONTARIO ST SNELGROVE ON	96.4	<u>6</u>
LAIDLAW TRANSIT LTD	12267 HURONTARIO ST BRAMPTON ON	96.4	<u>6</u>

<u>GEN</u> - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 10 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
TRAVELWAYS SCHOOL TRANSIT LTD	12267 HUONTARIO STREET SNELGROVE ON LOP 1M0	96.4	<u>6</u>
LAIDLAW TRANSIT LTD. 38- 034	12267 HURONTARIO ST. C/O R.R. #2 BRAMPTON ON L6V 1A1	96.4	<u>6</u>
Ministry of Transportation	12267 Hurontario Street RR#2 Part Lot 19 1EHS	96.4	<u>6</u>
LAIDLAW TRANSIT LTD. 38- 034	Brampton ON L6V 1A0 12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	96.4	<u>6</u>
LAIDLAW TRANSIT LTD	12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	96.4	<u>6</u>
LAIDLAW TRANSIT LTD.	12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	96.4	<u>6</u>
LAIDLAW TRANSIT LTD.	12267 HURONTARIO ST. SNELGROVE ON LOP 1M0	96.4	<u>6</u>
LAIDLAW TRANSIT LTD.	12267 HURONTARIO ST., SNELGROVE C/O 30 HERITAGE RD.	96.4	<u>6</u>
LAIDLAW TRANSIT LTD.	MARKHAM ON L3P 1M4 12267 HURONTARIO STREET R.R.#2 BRAMPTON ON L6V 1A1	96.4	<u>6</u>
2205302 Ontario Limited	12197 Hurontario Street Brampton ON L6Z 4P8	238.9	<u>26</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 3 HINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	<u>Map Key</u>
	12190 HIGHWAY 10 BRAMPTON ON	145.4	<u>12</u>
	12231 HURONTARIO STREET [HIGHWAY 10] BRAMPTON ON	184.3	<u>16</u>
	20 HESKETH COURT CALEDON ON L7C 1C6	294.8	<u>31</u>

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-2014 has found that there are 13 NPRI site(s) within approximately 0.30 kilometers of the project property.

Site	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>

<u>Site</u> LAFARGE CANADA INC.	<u>Address</u> 17944 10 Highway Caledon ON L0N1C0	<u>Distance (m)</u> 207.3	<u>Map Key</u> <u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
Lafarge Canada inc.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 Highway No. 10 Caledon ON L0N 1C0	207.3	<u>20</u>
LAFARGE CANADA INC.	17944 10 Highway Caledon ON L0N1C0	207.3	<u>20</u>

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2016 has found that there are 1 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address		<u>Distance (m)</u>	<u>Map Key</u>
VERDE PROPERTY MAINTENANCE LTD	25 VIRGINIA DR BRAMPTON	ON L7A 2E6	51.1	<u>5</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
LAIDLAW TRANSIT LTD	12267 HURONTARIO ST BRAMPTON ON	96.4	<u>6</u>
TRAVELWAYS LTD	12267 HURONTARIO ST SNELGROVE ON	96.4	<u>6</u>

<u>RSC</u> - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Dec 2016 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>

Address 12197 Hurontario Street, Brampton, Ontario, L6Z 4P8 ON L6Z 4P8

Distance (m) 238.9

Map Key **26**

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 16 WWIS site(s) within approximately 0.30 kilometers of the project property.

Address	<u>Distance (m)</u>	<u>Map Key</u>
lot 19 con 1 ON	0.0	<u>1</u>
lot 20 con 1 ON	109.5	<u>7</u>
BRAMPTON ON	125.5	<u>8</u>
Springwater ON	130.9	<u>9</u>
lot 18 con 1 ON	133.2	<u>10</u>
lot 19 con 1 BRAMPTON ON	141.6	<u>11</u>
lot 19 con 1 ON	179.8	<u>14</u>
lot 19 con 1 ON	185.8	<u>17</u>
CALEDON ON	195.6	<u>19</u>
lot 18 con 1 ON	215.7	<u>21</u>
ON	220.2	<u>23</u>
con 1 ON	228.0	<u>24</u>
CALEDON ON	241.6	<u>27</u>
lot 19 con 1 ON	264.6	<u>28</u>
lot 18 con 1 ON	265.0	<u>29</u>
lot 18 con 1 ON	290.6	<u>30</u>



Source: © 2015 DMTI Spatial Inc.



Aerial

Address: Part Lot 19, Concession 1, Caledon, ON

Source: ESRI World Imagery

Order No: 20170327039



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Topographic Map

Address: Part Lot 19, Concession 1, Caledon, ON

Source: ESRI World Topographic Map

Order No: 20170327039



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Detail Report

Map Key	Numbe Record		Direction/ Distance (m)	Elevation (m)	Site		DE
<u>1</u>	1 of 1		-/0.0	259.9	lot 19 con 1 ON		WWI
Well ID: Construction Primary Wat Sec. Water L Final Water St	er Use:: Jse:: tatus::	4901618 Livestoc Domest Water S	k c		Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83::	019 01 HS W	
Specific Cap Municipality County:		CALED PEEL	ON TOWN (CHINGL	ACOUSY)	Zone:: UTM Reliability::		
Bore Hole Ini	formation						
 Bore Hole ID DP2BR:	:		10316463 125				
Code OB: Code OB Des	scription:		r Bedrock				
Open Hole: Date Comple Remarks:	ted:		16-NOV-63				
Zone: East 83:			17 593846.5				
North 83: UTMRC:			4843508 5				
UTMRC Desc Location Met Org CS:	•		margin of error : 1 p5	JU m - 300 m			
Elevation: Elevrc:			261.36				
Elevrc Descr Location Sou Source Revis Improvement Improvement Supplier Con Spatial Statu	irce Date: sion Comm t Location t Location nment:	Source:					
 Overburden a Materials Inte		:k					
 Formation ID Layer:	:		 932035002 1				
General Colo Most Commo Other Materia Other Materia	on Material als:	;	BLACK TOPSOIL				
Formation To Formation El Formation El	op Depth: nd Depth:	ОM·	0 3 ft				
 Formation ID	-		 932035003				
Layer: General Colo Most Commo Other Materia	on Material		2 BROWN CLAY				
Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	D	В	
--	--	--	------------------	------	---	---	
Other Materia Formation To Formation El Formation El	op Depth:	3 21 ft					
 Formation ID Layer:):	 932035004 3					
General Colo Most Commo Other Materia	on Material: als:	BLUE CLAY					
Other Materia Formation To Formation El Formation El	op Depth:	21 104 ft					
 Formation ID Layer:);	 932035005 4					
General Colo Most Commo Other Materia	on Material:	SILT					
Other Materia Formation To Formation En Formation En	op Depth:	104 125 ft					
 Formation ID Layer: General Colo Most Commo	or:	 932035006 5 RED SHALE					
Other Materia Other Materia Formation To Formation El Formation El	als: op Depth:	125 130 ft					
 Formation ID Layer: General Colo Most Commo Other Materia Other Materia Formation To	or: on Material: als: als: op Depth:	 932035007 6 BLUE SHALE 130					
Formation El Formation El 	nd Depth: nd Depth UOM:	160 ft 					
Method of Co Use 	onstruction & Well						
Method Cons	struction Code:	964901618 1 Cable Tool					
 Pipe Informa	tion						
 Pipe ID: Casing Numl Comment: Alt Name:	ber:	 10865033 1					
 Construction 	Record - Casing						
Casing ID: Layer:		930523099 1					
Open Hole of Depth From:		STEEL					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DE
Depth To:		129			
Casing Diame		7			
Casing Diame		inch			
Casing Depth	UOM:	ft			
 Casing ID:		 930523100			
Layer:		2			
Open Hole or Depth From:	Material:	OPEN HOLE			
Depth To:		160			
Casing Diame	eter:	7			
Casing Diame		inch			
Casing Depth	UOM:	ft			
 Well Yield Tes	sting				
	-				
Pump Test ID Pump Set At:	:	994901618			
Static Level:		65			
	fter Pumping:	125			
	ed Pump Depth:	128			
Pumping Rate		3			
Flowing Rate:					
	ed Pump Rate:	3			
Levels UOM:		ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A		CLEAR			
Pumping Test Pumping Dura		1 23			
Pumping Dura		0			
Flowing:		Ν			
 Water Details					
 Water ID:		 933789568			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	130			
Water Found		ft			
	•				
<u>2</u>	1 of 1	NE/1.3	259.8	12272 and 12290 Hurontaio Street Caledon ON	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20070713010			
Addit. Info Or	aerea::	7/23/2007			
Report Date: Report Type:		CAN - Complete Re	anort		
Search Radiu	s (km)·	0.4	pon		
Gearch Naulu	5 (<i>Mil)</i> .	0.4			
<u>3</u>	1 of 1	NNE/2.4	259.6	12290 Hurontario St Brampton ON	EHS
Postal Code: City:					
	and the factor of the second sec	vironmental Risk Info			Order No: 20170327039

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Address2: Address1: Provstate:					
Order No.: Addit. Info Or	rdered::	20061017008			
Report Date: Report Type:		10/18/2006 Complete Report			
Search Radiu	ıs (km):	0.5			
<u>4</u>	1 of 1	NNE/48.2	259.9	North corner of Valleywood Blvd and Hurontario St Caledon ON	EHS
Postal Code:					
City: Address2: Address1: Provstate:					
Order No.:		20090408025			
Addit. Info Or Report Date:	rdered::	4/17/2009			
Report Type: Search Radiu		Standard Select Re 0.25	port		
<u>5</u>	1 of 1	SSE/51.1	259.9	VERDE PROPERTY MAINTENANCE LTD 25 VIRGINIA DR BRAMPTON ON L7A 2E6	PES
Detail Licence Licence Type		Operator			
<u>6</u>	1 of 14	NE/96.4	257.8	TRAVELWAYS LTD 12267 HURONTARIO ST SNELGROVE ON	EXP
Instance ID: TSSA Progra Maximum Ha Facility Type:	zard Rank:	70096			
Expired Date: Instance Nun		11124645			
Instance Type Status:	e:	FS Propane Tank EXPIRED			
Description:		FS Propane Tank			
<u>6</u>	2 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD 12267 HURONTARIO ST BRAMPTON ON	EXP
Instance ID: TSSA Progra Maximum Ha Facility Type: Expired Date.	zard Rank:	14359			
Instance Nun	nber:	10224030			
Instance Type Status:	e:	FS Facility EXPIRED			
Description:		FS Propane Vehicle	e Conv Centre		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>6</u>	3 of 14	NE/96.4	257.8	TRAVELWAYS LTD 12267 HURONTARIO ST SNELGROVE ON	EXP
Instance ID: TSSA Progra Maximum Ha Facility Type Expired Date	azard Rank: a:	397339			
Instance Nur	mber:	9973530			
Instance Typ Status:	De:	FS Facility EXPIRED			
Description:		FS Propane Refill	Cntr - Cylr Fill		
<u>6</u>	4 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD 12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	GEN
PO Box Num Status: Country:	1:				
Generator #:		ON0222805			
Approval Yrs SIC Code:	s::	97 4573			
SIC Descript	tion:	SCHOOL BUS OF	PER.		
Details					
Waste Code: Waste Descr		212 ALIPHATIC SOLV	ENTS		
Waste Code: Waste Descr		213 PETROLEUM DIS	TILLATES		
Waste Code: Waste Descr		221 LIGHT FUELS			
Waste Code: Waste Descr		251 OIL SKIMMINGS	& SLUDGES		
Waste Code: Waste Descr		252 WASTE OILS & L	UBRICANTS		
<u>6</u>	5 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD. 12267 HURONTARIO ST., SNELGROVE C/O 30 HERITAGE RD. MARKHAM ON L3P 1M4	GEN
PO Box Num Status: Country: Generator #: Approval Yrs SIC Code: SIC Descript	s::	ON0222805 90 4573 SCHOOL BUS OF	PER.		
<u>Details</u> Waste Code: Waste Descr		213 PETROLEUM DIS	TILLATES		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DE
Waste Code. Waste Desci		251 OIL SKIMMINGS &	SLUDGES		
Waste Code. Waste Desci		252 WASTE OILS & LU	IBRICANTS		
<u>6</u>	6 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD. 12267 HURONTARIO ST. SNELGROVE ON LOP 1M0	GEN
PO Box Nun Status:	1:				
Country: Generator #: Approval Yr: SIC Code: SIC Descript	s <i>::</i>	ON0222805 88,89 4573 SCHOOL BUS OP	ER.		
Details					
Waste Code. Waste Desci		251 OIL SKIMMINGS &	SLUDGES		
Waste Code. Waste Desci		252 WASTE OILS & LU	IBRICANTS		
<u>6</u>	7 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD. 12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	GEN
PO Box Nun Status: Country: Generator #: Approval Yr: SIC Code: SIC Descript	s::	ON0222805 98,99,00,01 4573 SCHOOL BUS OP	ER.		
Details					
Waste Code. Waste Desci		212 ALIPHATIC SOLVE	ENTS		
Waste Code. Waste Desci		213 PETROLEUM DIS	TILLATES		
Waste Code. Waste Desci		221 LIGHT FUELS			
Waste Code. Waste Desci		251 OIL SKIMMINGS 8	SLUDGES		
Waste Code. Waste Desci	:	252 WASTE OILS & LU	IBRICANTS		
<u>6</u>	8 of 14	NE/96.4	257.8	TRAVELWAYS SCHOOL TRANSIT LTD 12267 HUONTARIO STREET SNELGROVE ON LOP 1M0	GEN

Status:

Map Key Num Reco	ber of ords	Direction/ Distance (m)	Elevation (m)	Site	DB
Country: Generator #: Approval Yrs:: SIC Code: SIC Description:	8 4	0N0222805 6,87 573 SCHOOL BUS OPEF	۲.		
<u>Details</u> Waste Code: Waste Description:		51 DIL SKIMMINGS & S	SLUDGES		
Waste Code: Waste Description:		52 VASTE OILS & LUB	RICANTS		
<u>6</u> 9 of 14	t	NE/96.4	257.8	LAIDLAW TRANSIT LTD. 38-034 12267 HURONTARIO ST. C/O R.R. #2 BRAMPTON ON L6V 1A1	GEN
PO Box Num: Status: Country:					
Generator #:		N0222805			
Approval Yrs:: SIC Code:		4 573			
SIC Description:	S	CHOOL BUS OPER	.		
<u>Details</u> Waste Code: Waste Description:		12 LIPHATIC SOLVEN	ITS		
Waste Code: Waste Description:		13 ETROLEUM DISTIL	LLATES		
Waste Code: Waste Description:		51 DIL SKIMMINGS & S	SLUDGES		
Waste Code: Waste Description:		52 VASTE OILS & LUB	RICANTS		
<u>6</u> 10 of 1	14	NE/96.4	257.8	Ministry of Transportation 12267 Hurontario Street RR#2 Part Lot 19 1EHS Brampton ON L6V 1A0	GEN
PO Box Num: Status: Country:					
Generator #:		N6794884			
Approval Yrs:: SIC Code:		7,08 31310			
SIC Description:		eal Estate Property	Managers		
<u>Details</u> Waste Code: Waste Description:		48 NORGANIC LABOR	ATORY CHEMICAL	S	
Waste Code: Waste Description:		50 NERT INORGANIC	WASTES		
Waste Code: Waste Description:		21 IGHT FUELS			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: Waste Descri	ption:	243 PCB'S			
Waste Code: Waste Descri	ption:	251 OIL SKIMMINGS &	SLUDGES		
Waste Code: Waste Descri	ption:	252 WASTE OILS & LUI	BRICANTS		
<u>6</u>	11 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD. 12267 HURONTARIO STREET R.R.#2 BRAMPTON ON L6V 1A1	GEN
PO Box Num: Status: Country: Generator #: Approval Yrs. SIC Code: SIC Description		ON0222805 02,03,04 485410 School & Employee	Bus Transportation		
<u>Details</u> Waste Code: Waste Descri	ption:	212 ALIPHATIC SOLVE	NTS		
Waste Code: Waste Descri	ption:	213 PETROLEUM DIST	ILLATES		
Waste Code: Waste Descri	ption:	221 LIGHT FUELS			
Waste Code: Waste Descri	ption:	251 OIL SKIMMINGS &	SLUDGES		
Waste Code: Waste Descri	ption:	252 WASTE OILS & LUI	BRICANTS		
<u>6</u>	12 of 14	NE/96.4	257.8	LAIDLAW TRANSIT LTD. 38-034 12267 HURONTARIO STREET BRAMPTON ON L6V 1A1	GEN
PO Box Num: Status: Country: Generator #: Approval Yrs. SIC Code: SIC Descripti		ON0222805 92,93,95,96 4573 SCHOOL BUS OPE	R.		
<u>Details</u> Waste Code: Waste Descri	ption:	212 ALIPHATIC SOLVE	NTS		
Waste Code: Waste Descri	ption:	213 PETROLEUM DIST	ILLATES		
Waste Code: Waste Descri	ption:	221 LIGHT FUELS			
Waste Code: Waste Descri	ption:	251 OIL SKIMMINGS &	SLUDGES		

	5 Distance	′ Elevation (m) (m)	Site		DB
ption:	252 WASTE OILS	& LUBRICANTS			
13 of 14	NE/96.4	257.8			PRT
	20388 retail 1993-09-30 2000 0076371426				
14 of 14	NE/96.4	257.8			PRT
	1934 private				
	·				
	0001039955				
1 of 1	N/109.5	257.8	lot 20 con 1 ON		wwis
Deter	4908963		Lot:	020	
r Use::	Not Used		Concession Name:	HSE	
ntus::	Abandoned-Other		Northing NAD83::		
acity::	CALEDON TOWN (CHIN PEEL	NGUACOUSY)	Zone:: UTM Reliability::		
ormation					
	 10526896				
cription:	No formation o	lata			
ted:	27-MAR-02				
	17				
• .•	5	400			
ription: hod:	wc	r : 100 m - 300 m			
	N27a				
	203.23				
Location S	Source:				
	13 of 14 13 of 14 14 of 14 1 of 1 Date:: r Use:: se:: tus:: city:: prmation cription: ed: ription: nod: ption: roce Date: for Common Location S	bition: WASTE OILS 13 of 14 NE/96.4 20388 retail 1993-09-30 2000 0076371426 14 of 14 NE/96.4 1934 private 68190.00 0001039955 1 of 1 N/109.5 4908963 Date:: r Use:: Not Used se:: tus:: Abandoned-Other city:: CALEDON TOWN (CHIN PEEL primation cription: Topological Comment: Location Source: Location Method: WASTE OILS	botion: WASTE OILS & LUBRICANTS 13 of 14 NE/96.4 257.8 20388 retail 1993-09-30 2000 0076371426 14 of 14 NE/96.4 257.8 1934 private 68190.00 0001039955 1 of 1 N/109.5 257.8 4908963 Date:: rUse:: Abandoned-Other 68190.00 0001039955 1 of 1 Not Used Set:: rUse:: Abandoned-Other CALEDON TOWN (CHINGUACOUSY) PEEL ormation cription: roe CALEDON TOWN (CHINGUACOUSY) PEEL fiption:: roe Date:: for Comment: Location Method:	btion: WASTE OILS & LUBRICANTS 13 of 14 NE/96.4 257.8 TRAVELWAYS LTD 12267 HURONTARI SNEL GROVE ON 20388 retail 1993-09-30 2000 0076371426 14 of 14 NE/96.4 257.8 LAIDLAW TRANSIT 12267 HURONTARI BRAMPTON ON 1934 private 68190.00 0001039955 1 of 1 N/109.5 257.8 lot 20 con 1 ON 4908963 Lot: Concession: Concession: Concession Name: Easting NAD83:: Concession Name: Easting NAD84: Concession Name: Easting NAD84: Concession Name: Easting NAD84: Concession Name: Easting NAD84: Concession Name: E	ntion: WASTE OILS & LUBRICANTS 13 of 14 NE/96.4 257.8 TRAVELWAYS LTD 12267 HURDATARIO ST SNELGROVE ON 20388 retail 1993-09-30 20076371426 257.8 LAIDLAW TRANSIT LTD 12267 HURDATARIO ST BRAMPTON ON 14 of 14 NE/96.4 257.8 LAIDLAW TRANSIT LTD 12267 HURDATARIO ST BRAMPTON ON 1934 private 1934 private 1934 private 88190.00 0001039955 001 10 f1 N109.5 257.8 10 f1 N109.5 257.8 10 f2 N109.5 257.8 10 f2 N109.5 257.8 10 f1 N109.5 257.8 10 f2 N108.6 200 Concession Name: H5 E Easting NAD83:: 200 Concession Name: H5 E 10526896 10526896 cription: No formation data statistic Statistic 10 f277 263.23 pription: margin of

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elevation (m)	Site	DB
Spatial Statu	is:					
 Method of Co Use	onstructior	n & Well				
 Method Cons Method Cons Method Cons	struction C		 964908963 A Digging			
Other Metho		ction:				
Pipe Informa	ntion					
Pipe ID: Casing Numl Comment: Alt Name:	ber:		11075466 1			
<u>8</u>	1 of 1		NE/125.5	256.9	BRAMPTON ON	wwis
Well ID: Construction Primary Wate Sec. Water U	er Use::	7102926			Lot: Concession: Concession Name: Easting NAD83::	
Final Well Sta Specific Cap Municipality:	acity::		ed-Other		Northing NAD83:: Zone:: UTM Reliability::	
County: Bore Hole In	formation	FLLL				
 Bore Hole ID DP2BR: Code OB: Code OB Des Open Hole:	2		 1001547985			
Date Comple Remarks:	eted:		17-DEC-07			
Zone: East 83: North 83: UTMRC: UTMRC Desc Location Met			17 594100 4843619 3 margin of error : 10 wwr) - 30 m		
Org CS: Elevation: Elevrc:	liioui		UTM83 259.4			
Elevre Deser Location Sou Source Revis Improvement Supplier Con Spatial Statu	urce Date: sion Comm t Location t Location mment:	Source:				
 Overburden Materials Inte		ck				
 Formation ID Layer: General Colo Most Commo Other Materia Other Materia	or: on Material als:	:	 1001560809 1			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation To Formation El Formation El		0 ft			
	ce/Abandonment				
 Plug ID:		 1001560811			
Layer:		1			
Plug From: Plug To:		20 1			
Plug Depth L	IOM:	ft			
 Plug ID:		 1001560812			
Layer:		2			
Plug From:		1			
Plug To: Plug Depth U		0 ft			
Method of Co Use	onstruction & Well				
Method Cons	struction Code:	 1001560815			
 Pipe Informa	tion				
 Pipe ID: Casing Numl Comment: Alt Name:	ber:	 1001560807 0			
Construction	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:				
Well Yield Te	sting				
	: fter Pumping: ed Pump Depth:	 1001560808			
Flowing Rate Recommend	: ed Pump Rate:				
Levels UOM:		ft			
	After Test Code:	GPM 0			
Water State A Pumping Tes Pumping Du	st Method:	0			
Pumping Du Pumping Du Flowing:	ration MIN:	Ν			

Hole Diameter

27

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Hole ID:		1001560810			
Diameter:		8			
Depth From:					
Depth To:		20			
Hole Depth L	IOM:	ft			
Hole Diamete		inch			

<u>9</u>	1 of 1	SSE/130.9	259.9	Springwater ON	WWIS
Well ID:		7220338		Lot:	
Constructi Primary W	ater Use::	Domestic		Concession: Concession Name:	
Sec. Water Final Well	Status::	Water Supply		Easting NAD83:: Northing NAD83:: Zone::	
Specific Ca Municipali County:		CALEDON TOWN (CHING PEEL	UACOUSY)	UTM Reliability::	
Bore Hole	Information				
 Bore Hole DP2BR: Code OB: Code OB D	ID: Description:	 1004759615			
Open Hole Date Comp	:	10-APR-14			
Remarks: Zone: East 83: North 83:		17 593901 4842807			
UTMRC: UTMRC De Location N		4 margin of error : wwr	30 m - 100 m		
Org CS: Elevation: Elevrc:		UTM83			
Source Re Improveme Improveme Supplier C	Source Date: vision Comm ent Location ent Location omment:	Source:			
Spatial Sta 	itus:				
Overburde Materials I	n and Bedroo nterval	:k 			
 Formation Layer:	ID:	 1005149548 1			
Other Mate	mon Material. erials:	GRAVEL			
Formation	Top Depth: End Depth:	LOOSE 0 180			
	End Depth U bace/Abandol cord	 nment			
 Plug ID:		 1005149560			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Layer: Plug From: Plug To: Plug Depth L	IOM:	1 0 20 ft			
 Method of Co Use	onstruction & Well				
Method Cons	struction Code:	 1005149559 DR 12			
 Pipe Informa					
 Pipe ID: Casing Num Comment: Alt Name:	ber:	 1005149546 0			
 Construction	Record - Casing				
 Casing ID: Layer:		 1005149552 1			
Open Hole of Depth From:		STEEL 2			
Depth To: Casing Diam Casing Diam Casing Dept	eter UOM:	176 6.125 inch ft			
 Casing ID:		 1005149553			
Layer: Open Hole of Depth From: Depth To: Casing Diam Casing Depth Casing Depth	eter: eter UOM:	2 STEEL 174 176 5.875 inch ft			
 Construction	n Record - Screen				
 Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Depti Screen Diam	Depth: rial: h UOM: eter UOM:	 1005149554 1 10 176 180 1 ft inch 6			
 Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Recommend Levels UOM:	D: ifter Pumping: led Pump Depth: te: 2: led Pump Rate:	 1005149547 170 136 140 170 8 10 ft			
Rate UOM: Water State	After Test Code:	GPM 1			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water State A	fter Test:	CLEAR			
Pumping Tes	t Method:	0			
Pumping Dur		1			
Pumping Dur	ation MIN:	0			
Flowing:					
 Draw Down &	Recovery				
 Pump Test De	etail ID:	 1005149555			
Pump Test ID		1005149547			
Test Type:	-	Draw Down			
Test Duration		10			
Test Level:		140			
		ft			
Test Level UC 	JIVI.	n 			
Pump Test De		1005149556			
Pump Test ID):	1005149547			
Test Type:		Draw Down			
Test Duration	:	40			
Test Level:		140			
Test Level UC	DM:	ft 			
 Pump Test De	etail ID:	 1005149557			
Pump Test ID		1005149547			
Test Type:		Draw Down			
Test Duration		60			
Test Level:		140			
Test Level UC	о <i>м</i> -	ft			
Water Details					
Water ID:		1005149551			
Layer:		1			
Kind Code:		8 Untented			
Kind:	D <i>4</i>	Untested			
Water Found		180			
Water Found	Depth UOM:	ft 			
 Hole Diamete	r	-			
 Hole ID:		 1005149549			
Diameter:		6.25			
Depth From:		0			
Depth To:		176			
Hole Depth U	OM·	ft			
Hole Diamete		inch			
Hole ID:		1005149550			
Diameter:		6			
Depth From:		176			
Depth To:	~~~	180			
Hole Depth U	OM:	ft			
Hole Diamete	r UOM:	inch 			
10	1 of 1	ENE/133.2	258.8	lot 18 con 1	

		ON		
Well ID:	4901612	Lot:	018	
Construction Date::		Concession:	01	
Primary Water Use::	Domestic	Concession Name:	HS W	
Sec. Water Use::		Easting NAD83::		
Final Well Status::	Water Supply	Northing NAD83::		
Sec. Water Use::		Easting NAD83::		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capa Municipality: County:		MPTON CITY (CHINGUA -	ACOUSY)	Zone:: UTM Reliability::	
Bore Hole Info	ormation				
 Bore Hole ID: DP2BR:		 10316457			
Code OB: Code OB Des	cription:	o Overburden			
Open Hole: Date Complet Remarks:	ed:	18-DEC-55			
Zone: East 83: North 83:		17 594142.5 4843426			
UTMRC: UTMRC Desci Location Meth		9 unknown UTM p9			
Org CS: Elevation: Elevrc:		258.37			
Elevrc Descrip Location Sour Source Revise Improvement	rce Date: ion Comment: Location Source Location Methoo				
Spatial Status					
Overburden a Materials Inte					
 Formation ID: Layer:		 932034977 1			
General Color Most Commo Other Materia Other Materia	n Material: ls:	BROWN CLAY			
Formation To Formation En	p Depth:	0 12 ft			
 Formation ID: Layer:		 932034978 2			
General Color Most Commo Other Materia Other Materia	n Material: ls:	BLUE CLAY			
Formation To Formation En	p Depth:	12 45 ft			
 Formation ID: Layer: General Color		 932034979 3			
Most Commo Other Materia Other Materia	n Material: ls:	CLAY GRAVEL			
Formation To Formation En Formation En		45 54 ft			
 Formation ID: Layer: General Color		 932034980 4 BLUE			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DI
Most Commo Other Materia Other Materia	ls:	QUICKSAND			
Formation To		54			
Formation En		62			
	d Depth UOM:	ft			
	-				
Method of Co Use 	nstruction & Well				
Method Cons	truction ID:	964901612			
	truction Code:	6			
Method Cons		Boring			
	Construction:	0			
Pipe Informat	ion				
 Bina ID:		 10865027			
Pipe ID: Casing Numb	er.	10865027			
Casing Num Comment:					
Alt Name:					
-					
Construction	Record - Casing				
Casing ID:		930523090			
Layer: Open Hole or	Matarial	1 GALVANIZED			
Depth From:	Waleria.	GALVANIZED			
Depth To:		62			
Casing Diame	eter:	24			
Casing Diame		inch			
Casing Depth		ft			
Well Yield Te	sting				
 Pump Test ID		994901612			
Pump Set At:	•	001001012			
Static Level:		54			
Final Level A	fter Pumping:				
	ed Pump Depth:				
Pumping Rate					
Flowing Rate					
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM: Water State A	fter Test Code:	GPM 1			
Water State A		CLEAR			
Pumping Tes		OLLAN			
Pumping Dur					
Pumping Dur	ation MIN:				
Flowing:		Ν			
 Water Details					
Water ID:		933789562			
Layer: Kind Codes		1			
Kind Code: Kind:		1 FRESH			
Kina: Water Found	Denth:	54			
Water Found		ft			
<u>11</u>	1 of 1	NE/141.6	256.8		

Order No: 20170327039

Мар Кеу	Number Records		Direction/ Distance (m)	Elevation (m)	Site		DB
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Specific Capa	er Use:: se:: ntus:: acity::	7101921 Abandon			Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone::	019 01	
Municipality: County:		BRAMPT PEEL	ON CITY (CHINGUA	COUSY)	UTM Reliability::		
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Code OB: Code OB Des Open Hole:			1001497608				
Date Complet Remarks:	ted:		24-JAN-08				
Zone:			17				
East 83: North 83:			594116 4843613				
North 83: UTMRC:			4843613 3				
UTMRC Desc	ription.		margin of error : 10	- 30 m			
Location Met			wwr	00 111			
Org CS:			UTM83				
Elevation:			259.26				
Elevrc:							
Elevrc Descri Location Sou Source Revis	rce Date:	nt-					
Improvement Improvement Supplier Com	Location S Location M ment:	ource:					
Spatial Status	».						
Overburden a Materials Inte		r					
 Farmadian ID	_						
Formation ID: Layer: General Coloi			1001558289 1				
Most Commo Other Materia Other Materia	n Material: ls:						
Formation To	p Depth:		0				
Formation En	d Depth UC	ОМ:	m				
 Annular Spac Sealing Reco		ment					
 Plug ID: Layer:			 1001558291 1				
Layer: Plug From:			0				
Plug To:			1.9				
Plug Depth U	ОМ:		m				
 Plug ID:			 1001558292				
Layer:			2				
Plug From:			1.9				
Plug To:	~~		2.5				
	r 18/7 -		m				
Plug Depth U	OW.						
	0111.		 1001558293				

• •	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DE
Plug From:		2.5			
Plug To:		5.5			
Plug Depth UON	Л:	m			
Plug ID:		1001558294			
Layer:		4			
Plug From:		5.5			
Plug To:		6.1			
Plug Depth UON	Л:	m			
Method of Cons Use 	truction & Well	-			
Method Constru		1001558298			
Method Constru Method Constru	iction:				
Other Method C	onstruction:				
 Pipe Information	n				
	,				
 Pipe ID:		1001558287			
Casing Number.		0			
Comment:	•	0			
Alt Name:					
Construction Re	ecord - Casing				
Casing ID: Layer:		1001558296			
Open Hole or Ma Depth From:	aterial:	PLASTIC			
Depth To:		6.1			
Casing Diamete	r:	.9			
Casing Diamete		cm			
Casing Depth U		m			
Construction Re	ecord - Screen				
Screen ID:		1001558297			
Layer:					
Slot:					
Screen Top Dep	th:				
Screen End Dep	oth:				
Screen Material.					
Screen Depth U	OM:				
Screen Diamete					
Screen Diamete	r:				
Well Yield Testii	ng				
 Pump Test ID:		 1001558288			
Pump Set At:		1001000200			
Static Level:					
Final Level After	r Pumpina:				
Recommended					
Pumping Rate:	and sobar				
Flowing Rate:					
Recommended	Pump Rate [.]				
Levels UOM:	any nato.	m			
Rate UOM:		LPM			
Water State Afte	er Test Code	0			
Water State Afte		v			
Pumping Test M		0			
Pumping Durati		-			
Pumping Durati					
	··· ·····				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site			DB
Flowing:		N 					
 Water Details							
 Water ID:		 1001558295					
Layer:		1					
Kind Code:		1					
Kind:	Donth	FRESH					
Water Found Water Found		2 m					
	Doptil Collin						
Hole Diamete	r						
Hole ID:		1001558290					
Diameter:		11					
Depth From:							
Depth To:	~~~	6.1					
Hole Depth U Hole Diameter		m cm					
<u>12</u>	1 of 2	E/145.4	258.0	12190 Hurontario Street Brampton ON			EHS
Postal Code:							
City:							
Address2:							
Address1:							
Provstate: Order No.:		20101219001					
Addit. Info Or	dered	20101219001					
Report Date:	uoroun	12/23/2010					
Report Type:		Standard Report					
Search Radiu	s (km):	0.25					
<u>12</u>	2 of 2	E/145.4	258.0	12190 HIGHWAY 10 BRAMPTON ON			HINC
External File	Num:	FS INC 0811-07079					
Date of Occur		11/10/2008					
Fuel Occurre		Pipeline Strike					
Fuel Type Inv		Natural Gas					
Status Desc:: Job Type Des		Completed - Causal Incident/Near-Miss (
Oper. Type In		Construction Site (pi	· · ·				
Service Interr		Yes					
Property Dam	age::	No					
Fuel Life Cycl		Transmission, Distril			Mointerreshi	Decime Mr.	Troinin - M
Root Cause::		Root Cause: Equipm Management:No			Maintenance:No	Design:IN0	Training:No
Reported Deta	ails::	Management. NO 1	10.110111 00013.16	•			
Fuel Category	y::	Gaseous Fuel					
Occurrence T	уре::	Incident	<i></i>				
Affiliation::			r (Licensee/Regist	ration/Certificate Holder, Facili	ty Owner, etc.)		
County Name Approx. Quar		Peel					
Approx. Qual							
Nearby hody							
Nearby body Enter Drainag							
Nearby body Enter Drainag Approx. Quan Environmenta	je Syst.:: nt. Unit::						

Мар Кеу	Number Record		Direction/ Distance (m	Elevation n) (m)	Site		DB
<u>13</u>	1 of 1		E/172.0	257.8	12197 Hurontario Sti Brampton/Calendon		EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info O Report Date: Report Type: Search Radit	rdered::		20100119039 Fire Insur. Maps 1/28/2010 Standard Report 0.25	and/or Site Plans; ⊺	Fitle Search;		
<u>14</u>	1 of 1		E/179.8	257.8	lot 19 con 1 ON		WWIS
Well ID: Construction Primary Wate	er Use::	4901617 Domestic			Lot: Concession: Concession Name:	019 01 HS W	
Sec. Water U Final Well St	atus::	Water Su	upply		Easting NAD83:: Northing NAD83::		
Specific Cap Municipality: County:		CALEDC PEEL	ON TOWN (CHING	UACOUSY)	Zone:: UTM Reliability::		
Bore Hole In	formation						
 Bore Hole ID	:		 10316462				
DP2BR: Code OB:			140 r				
Code OB Des Open Hole:	scription:		Bedrock				
Date Comple	ted:		23-AUG-61				
Remarks: Zone:			17				
East 83:			594259.5				
North 83: UTMRC:			4843269 5				
UTMRC Desc			margin of error :	100 m - 300 m			
Location Met Org CS:	thod:		р5				
Elevation:			256.72				
Elevrc: Elevrc Descr	iption:						
Location Sou	irce Date:						
Source Revis							
Improvemen	t Location						
Supplier Con Spatial Statu							
		- k					
Overburden Materials Inte		CK					
 Formation ID):		 932034997				
Layer: Conoral Colo			1 BROWN				
General Colo Most Commo Other Materia	on Material. als:	:	MEDIUM SAND				
Other Materia Formation To			0				
Formation E			30				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DE
Formation En	d Depth UOM:	ft 			
 Formation ID:		932034998			
Layer:		2			
General Color		BLUE			
Most Commo		CLAY			
Other Materia Other Materia		STONES			
Formation To		30			
Formation En		70			
	d Depth UOM:	ft			
	-				
Formation ID:		932034999			
Layer:		3			
General Color		QUICKSAND			
Most Common Other Materia		QUICKSAND			
Other Materia					
Formation To		70			
Formation En	d Depth:	120			
Formation En	d Depth UOM:	ft			
Formation ID:		932035000			
Layer: General Color		4 BLUE			
Most Common		CLAY			
Other Materia		02.11			
Other Materia					
Formation Top		120			
Formation En		140			
Formation En	d Depth UOM:	ft 			
 Formation ID:		932035001			
Layer:		5			
General Color		BLUE			
Most Commo	n Material:	SHALE			
Other Materia					
Other Materia		4.40			
Formation Top		140 150			
Formation En	d Depth UOM:	ft			
	a Depar Com.				
Method of Col	nstruction & Well				
Use					
Method Const Method Const		964901617			
Method Const Method Const	truction Code:	1 Cable Tool			
	Construction:				
	construction.				
Pipe Informati	ion				
Pipe ID:		10865032			
Casing Numb	er:	1			
Comment: Alt Name:					
Construction	Record - Casing				
	-				
Casing ID:		930523097			
Layer:	Matarial	1 87551			
Open Hole or Depth From:	waterial:	STEEL			
		140			
Denth In.					
Depth To: Casing Diame	ter:	4			

	mber of cords	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Depth UON	Л:	ft 			
 Casing ID:		930523098			
Layer: Open Hole or Mate	erial:	2 OPEN HOLE			
Depth From: Depth To:		150			
Casing Diameter:		4 in ch			
Casing Diameter U Casing Depth UON		inch ft			
 Well Yield Testing					
 Pump Test ID:		 994901617			
Pump Set At: Static Level:		30			
Final Level After P	umping:	50			
Recommended Pu	mp Depth:	130			
Pumping Rate: Flowing Rate:		3			
Recommended Pu	mp Rate:	3			
Levels UOM:		ft			
Rate UOM: Water State After 1	Tost Codo:	GPM 1			
Water State After 1		CLEAR			
Pumping Test Met		1			
Pumping Duration		4 0			
Pumping Duration Flowing:	<i>wiii</i> .	N			
 Water Details					
 Water ID:		 933789567			
Layer:		1			
Kind Code:		1			
Kind: Water Found Dept	h.	FRESH 145			
Water Found Dept		ft			
<u>15</u> 1 of	1	ENE/180.8	257.9	12211, 12231 and 12233 Hurontario Street Caledon ON	EHS
Postal Code:					
City:					
Address2: Address1:					
Provstate:					
Order No.:		20100720019			
Addit. Info Ordered Report Date:	d::	Fire Insur. Maps and 7/29/2010	d/or Site Plans; 1 it	le Searches	
Report Type:		Standard Report			
Search Radius (kn	n):	0.25			
			0.57.0		
<u>16</u> 1 of	1	ENE/184.3	257.9	12231 HURONTARIO STREET [HIGHWAY 10] BRAMPTON ON	HINC
External File Num:		FS INC 0705-02538			
Date of Occurrenc		5/28/2007			
Fuel Occurrence T Fuel Type Involved		Leak Fuel Oil			
Status Desc::		Completed - Causal	Analysis(End)		
38 <u>erisi</u>	nfo.com Env	vironmental Risk Info	rmation Services	s Order No: 2	0170327039

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site				DB
Job Type De	sc::	Incident/Near-Miss (Occurrence (FS)					
Oper. Type II	nvolved::	Commercial (e.g. re	staurant, busines	s unit, etc)				
Service Inter	ruptions::	No						
Property Dar	nage::	No						
Fuel Life Cyc	cle Stage::	Utilization						
Root Cause:	:	Root Cause: Equipn Management:No		•	Procedures:No	Maintenance:No	Design:No	Training:No
Reported De	tails::	5						
Fuel Categor	v::	Liquid Fuel						
Occurrence	Type::	Incident						
Affiliation::		Industry Stakeholde	r (Licensee/Regis	tration/Certifi	cate Holder, Facili	ty Owner, etc.)		
County Nam	e::	Peel	、 U					
Approx. Qua								
 Nearby body								
Enter Draina								
Approx. Qua	• •							
Environment								

<u>17</u>	1 of 1	ENE/185.8	257.5	lot 19 con 1 ON		WWIS
Well ID: Constructio	n Dato:	4901111		Lot: Concession:	019 01	
Primary Wa	ter Use::	Domestic		Concession Name:	HS E	
Sec. Water Final Well S Specific Ca	Status::	Water Supply		Easting NAD83:: Northing NAD83:: Zone::		
Municipality County:		CALEDON TOWN (CHING PEEL	SUACOUSY)	UTM Reliability::		
Bore Hole I	nformation					
 Bore Hole I DP2BR:	D:	 10315957				
Code OB: Code OB D		o Overburden				
Open Hole: Date Comp		16-JAN-61				
Remarks: Zone: East 83:		17 594182.5				
North 83: UTMRC:		4843461 5				
UTMRC Des Location M		margin of error : p5	100 m - 300 m			
Org CS: Elevation: Elevrc:		259.3				
Elevic Desc Location So						
Improveme	vision Comm	Source:				
Improveme Supplier Co Spatial Stat		Method:				
	n and Bedroo	 ck				
Materials In 	iterval					
Formation I Layer:		932032654 1				
General Co Most Comn Other Mate	non Material	BROWN CLAY				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materia					
Formation To		0			
Formation En		45			
Formation En	nd Depth UOM:	ft 			
Formation ID):	932032655			
Layer:		2			
General Colo Most Commo Other Materia	on Material:	BROWN MEDIUM SAND			
Other Materia		45			
Formation To Formation En		45 55			
	nd Depth UOM:	ft			
Use	onstruction & Well				
 Method Cons	struction ID:	 964901111			
	struction Code:	6			
Method Cons		Boring			
Other Method	d Construction:				
 Pipe Informat	tion				
 Dim - (D)					
Pipe ID: Casing Numb	her:	10864527 1			
Comment:					
Alt Name:					
	Deserved Casimar				
Construction	Record - Casing				
Casing ID:		930522437			
Layer:		1			
Open Hole or		CONCRETE			
Depth From: Depth To:		55			
Casing Diame	eter:	30			
Casing Diam	eter UOM:	inch			
Casing Depth	h UOM:	ft 			
 Well Yield Te	esting				
	_				
Pump Test ID Pump Set At:):	994901111			
Static Level:	•	44			
	fter Pumping:				
	ed Pump Depth:				
Pumping Rat					
Flowing Rate Recommende	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:	1 CLEAR			
Water State A Pumping Tes		GLEAR			
Pumping Dur					
Pumping Dur					
Flowing:		N 			
 Water Details	5				
Wator ID.		 033780000			
Water ID: Layer:		 933789099 1			
		933789099			

Map Key Numl Reco		Direction/ Distance (m)	Elevation (m)	Site	DB
Water Found Depth:		44			
Water Found Depth L	IOM:	ft			
<u>18</u> 1 of 1		ENE/186.8	256.6	Huronontario and Highwood Rd Caledon ON	EHS
Postal Code:					
City:					
Address2: Address1:					
Provstate: Order No.:		20070302008			
Addit. Info Ordered::		2/7/2007			
Report Date:		3/7/2007	nort		
Report Type: Search Radius (km):		CAN - Complete Re 0.25	eport		
Search Radius (Kili).		0.23			
19 1 of 1		NE/195.6	255.9		
_				CALEDON ON	WWIS
Well ID:	7043038	1		Lot:	
Construction Date::	7040000	·		Concession:	
Primary Water Use::				Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observa	tion Wells		Northing NAD83::	
Specific Capacity::		ON TOWN (CALEDO		Zone:: UTM Poliobility::	
Municipality: County:	PEEL		N IVVE)	UTM Reliability::	
Bore Hole Informatio	n				
Bore Hole ID:		 11765486			
DP2BR: Code OB:		0			
Code OB. Code OB Description		Overburden			
Open Hole:	•	ovolbuluoli			
Date Completed:		03-APR-07			
Remarks:					
Zone:		17			
East 83:		594170			
North 83: UTMRC:		4843626 3			
UTMRC: UTMRC Description:		margin of error : 10	- 30 m		
Location Method:		wwr	50 m		
Org CS:		UTM83			
Elevation:		258.13			
Elevrc:					
Elevrc Description:					
Location Source Date					
Source Revision Con					
Improvement Locatio					
	in metriou.				
Supplier Comment					
Supplier Comment: Spatial Status: Overburden and Bed Materials Interval	rock				
Spatial Status: Overburden and Bed Materials Interval 	rock				
Spatial Status: Overburden and Bed	rock	 933098851 1 BROWN			

	mber of cords	Direction/ Distance (m)	Elevation (m)	Site	DB
Most Common Ma	terial:	SAND			
Other Materials:		GRAVEL			
Other Materials:		_			
Formation Top De		0			
Formation End De		1.5			
Formation End De	pth UOM:	m 			
 Formation ID:		933098852			
Layer:		2			
General Color:		BROWN			
Most Common Ma	terial:	SILT			
Other Materials:		CLAY			
Other Materials:					
Formation Top De		1.5			
Formation End De		3.6			
Formation End De	pth UOM:	m			
Formation ID:		933098853			
Layer: General Color:		3 GREY			
General Color: Most Common Ma	torial	SILT			
Other Materials:	ilenai.	CLAY			
Other Materials:		OLAT			
Formation Top De	oth.	3.6			
Formation End De		4.5			
Formation End De		m			
	,				
Formation ID:		933098854			
Layer:		4			
General Color:		GREY			
Most Common Ma	terial:	SILT			
Other Materials:		SAND			
Other Materials:					
Formation Top De		4.5			
Formation End De		6			
Formation End De	epth UOW:	m			
 Annular Space/Ab	andonmont				
Sealing Record	andonment				
Plug ID:		933317750			
Layer:		1			
Plug From:		0			
Plug To:		2.7			
Plug Depth UOM:		m			
Method of Constru	uction & Well				
Use					
Method Construct		967043038			
Method Construct Method Construct		6 Boring			
Other Method Construct		Boring			
	isu ucuon.				
 Pipe Information					
Pipe ID:		11773176			
Casing Number:		1			
Comment:					
Alt Name:					
Construction Reco	ord - Casing				
•••••••••					
		930898505			
 Casing ID: Layer: Open Hole or Mate	- via la	930898505 1 PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:		0			
Depth To:		3			
Casing Diam	eter:	5.1			
Casing Diam		cm			
Casing Depth		m			
 Construction	Record - Screen				
 Screen ID:		933424181			
Layer:		1			
Slot:		10			
Screen Top D	Denth:	3			
Screen End L		6			
Screen Mater	rial:	5			
Screen Depth		m			
Screen Diam	eter UOM [.]	cm			
Screen Diam		6.5			
Hole Diamete	er				
 Hole ID:		 11851849			
Diameter:		15			
Depth From:		0			
Depth To:		6			
Hole Depth U		m			
Hole Depth 0 Hole Diamete	er UOM:	cm			
-					
<u>20</u>	1 of 13	NNE/207.3	259.9	Lafarge Canada inc. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude:		-79.8335			
NPRI #:		0000010029			
Year:		2014			
Latitude:		43.7424			
Details					
Units:		tonnes			
Air:		2.2795			
Water:					
Substances H Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Micro	ons	
11					
Units:		tonnes			
Air:		26.4761			
Water: Substances F Land:	Released:	PM - Total Particula	te Matter		
Units:		tonnes			
Air:		10.6285			
Water:					
Substances I Land:	Released:	PM10 - Particulate I	Matter <= 10 Micror	ns	
20	2 of 13	NNE/207.3	259.9	LAFARGE CANADA INC.	NPRI

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Longitude: NPRI #: Year: Latitude:		-79.8335 0000010029 2005 43.7424			
<u>Details</u> Units: Air: Water:		tonnes 36.513			
Substances	Released:	PM - Total Particula	ate Matter		
Units: Air: Water:		tonnes 33.596			
Substances Land:	Released:	PM10 - Particulate	Matter <= 10 Micro	ons	
Units: Air: Water:		tonnes 18.436			
Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Mic	rons	
<u>20</u>	3 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude: NPRI #: Year: Latitude:		-79.8335 0000010029 2006 43.7424			
<u>Details</u> Units: Air:		tonnes 31.547			
Water: Substances Land:	Released:	PM - Total Particula	ate Matter		
Units: Air: Water:		tonnes 29.564			
Substances	Released:	PM10 - Particulate	Matter <= 10 Micro	ons	
Units: Air: Water:		tonnes 16.321			
Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Mic	rons	
<u>20</u>	4 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 Highway No. 10 Caledon ON LON 1C0	NPRI
Longitude: NPRI #: Year: Latitude:		-79.8335 0000010029 2002 43.7424			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DI
Details		ka			
Units: Air:		kg 899			
Water:		033			
Substances	Released:	Lead (and its compo	ounds)		
Land:		X I	,		
Units:		tonnes			
onns. Air:		20.598			
Water:		20.000			
Substances	Released:	PM - Total Particula	ate Matter		
Land:					
Units:		tonnes			
Air:		18.076			
Water:		10.070			
Substances	Released:	PM10 - Particulate I	Matter <= 10 Micro	ons	
Land:					
Units:		tonnes			
onns: Air:		12.628			
Water:					
Substances	Released:	PM2.5 - Particulate	Matter <= 2.5 Mic	rons	
Land:					
20	5 of 13	NNE/207.3	259.9	LAFARGE CANADA INC.	
	•••			17944 10 Highway	NPRI
				Caledon ON L0N1C0	
Longitude:		-79.8335			
NPRI #:		0000010029			
Year:		2009			
Latitude:		43.7424			
<u>Details</u> Units:		tonnoo			
Onits: Air:		tonnes 11.86			
Water:		11.00			
Substances	Released:	PM - Total Particula	ate Matter		
Land:					
		terrer			
Units:		tonnes 5.076			
Air: Water:		5.076			
Substances	Released:	PM10 - Particulate I	Matter <= 10 Micro	ons	
Land:					
		1			
Units:		tonnes			
Air: Water:		1.243			
water: Substances I	Released:	PM2.5 - Particulate	Matter <= 2.5 Mic	rons	
Land:	neicuseu.	T ME.O T UNIOUUUO			
<u>20</u>	6 of 13	NNE/207.3	259.9	LAFARGE CANADA INC.	NPRI
				17944 10 Highway Caledon ON L0N1C0	
Longitude:		-79.8335			
NPRI #:		0000010029			
Year:		2004			
Latitude:		43.7424			
45	erisinfo.com Er	nvironmental Risk Info	ormation Service	s	Order No: 20170327039

erisinfo.com | Environmental Risk Information Services

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>Details</u> Units: Air:		tonnes			
Water: Substances H Land:	Released:	Nitrous oxide			
Units: Air:		tonnes			
Water: Substances H Land:	Released:	Nitrogen oxides (ex	pressed as NO2)		
Units: Air:		tonnes			
Water: Substances H Land:	Released:	Carbon dioxide			
Units: Air:		tonnes			
Water: Substances I Land:	Released:	Carbon monoxide			
Units: Air:		tonnes			
Water: Substances I Land:	Released:	Sulphur dioxide			
Units: Air:		tonnes			
Water: Substances F Land:	Released:	Methane			
Units: Air:		tonnes			
Water: Substances I Land:	Released:	HFC-134a Hydroflu	orocarbon		
Units: Air:		tonnes 28.818			
Water: Substances H Land:	Released:	PM - Total Particula	te Matter		
Units: Air:		tonnes 26.312			
Water: Substances I Land:	Released:	PM10 - Particulate I	Matter <= 10 Micro	ons	
Units: Air:		tonnes 14.445			
Water: Substances H Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Mic	rons	
Units: Air:		tonnes			
Water:					

Map Key	Number of Records	<i>Direction/ Distance (m)</i>	Elevation (m)	Site	DB			
Substances Land:	Released:	Volatile Organic Compounds (VOCs)						
<u>20</u>	7 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI			
Longitude: NPRI #:		-79.8335 0000010029						
Year: Latitude:		2012 43.7424						
<u>Details</u> Units:		tonnes						
Air: Water:		17.4341						
Substances Land:	Released:	PM - Total Particula	ate Matter					
Units:		tonnes						
Air:		8.1143						
Water: Substances Land:	Released:	PM10 - Particulate	Matter <= 10 Micro	ns				
Units:		tonnes						
Air:		1.824						
Water: Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Micr	ons				
<u>20</u>	8 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI			
Longitude:		-79.8335						
NPRI #:		0000010029						
Year: Latitude:		2010 43.7424						
Latitude:		43.7424						
Details								
Units:		tonnes						
Air: Water:		17.856						
Substances Land:	Released:	PM - Total Particula	ate Matter					
Units: Air:		tonnes 7.694						
All. Water: Substances Land:	Released:	PM10 - Particulate	Matter <= 10 Micro	ns				
Units:		tonnes 1.869						
Air:		1 00.27						

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>20</u>	9 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude:		-79.8335			
NPRI #: Year:		0000010029 2011			
Latitude:		43.7424			
<u>Details</u> Units:		tonnes			
Air:		16.4783			
Water: Substances Land:	Released:	PM - Total Particula	te Matter		
Units: Air:		tonnes 8.0909			
Water: Substances Land:	Released:	PM10 - Particulate	Matter <= 10 Micro	ons	
Units: Air: Water:		tonnes 1.7592			
Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Micr	rons	
<u>20</u>	10 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude:		-79.8335			
NPRI #: Year:		0000010029 2007			
Latitude:		43.7424			
<u>Details</u> Units:		toppop			
Air:		tonnes 77.509			
Water: Substances Land:	Released:	PM - Total Particula	te Matter		
Units:		tonnes			
Air: Water:		21.967			
Substances	Released:	PM10 - Particulate	Matter <= 10 Micro	ons	
Units: Air: Water:		tonnes 6.86			
Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Micr	rons	
<u>20</u>	11 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude:		-79.8335			
48	erisinfo.com Er	nvironmental Risk Info	ormation Service	S	Order No: 20170327039

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
NPRI #:		0000010029			
Year:		2013			
Latitude:		43.7424			
<u>Details</u> Units:		tonnes			
Air:		9.8482			
Water:		9.0402			
Substances	Released:	PM - Total Particula	ite Matter		
Land:					
Units:		tonnes			
Air:		8.1143			
Water: Substances	Delegende	PM10 - Particulate I	Mottor 10 Mioro		
Land:	Released:	FINITO - FAIticulate I		115	
Units:		tonnes			
Air:		.9849			
Water:					
Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Mici	rons	
<u>20</u>	12 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude:		-79.8335			
NPRI #:		0000010029			
Year:		2003			
Latitude:		43.7424			
Details					
Units:		tonnes			
Air:		31.485			
Water:					
Substances Land:	Released:	PM - Total Particula	ite Matter		
Units:		tonnes			
Air:		28.648			
Water:					
Substances Land:	Released:	PM10 - Particulate I	Matter <= 10 Micro	ons	
Units:		tonnes			
Air:		15.633			
Water:					
Substances	Released:	PM2.5 - Particulate	Matter <= 2.5 Micr	rons	
Land:					
<u>20</u>	13 of 13	NNE/207.3	259.9	LAFARGE CANADA INC. 17944 10 Highway Caledon ON L0N1C0	NPRI
Longitude:		-79.8335		-	
NPRI #:		0000010029			
Year:		2008			
Latitude:		43.7424			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Details					
Units:		tonnes			
Air:		20.046			
Water:					
Substances	Released:	PM - Total Particula	te Matter		
Land:					
Units:		tonnes			
Air:		8.65			
Water:					
Substances	Released:	PM10 - Particulate N	Matter <= 10 Micro	ns	
Land:					
Units:		tonnes			
Air:		2.097			
Water:					
Substances Land:	Released:	PM2.5 - Particulate	Matter <= 2.5 Micr	ons	

<u>21</u>	1 of 1		E/215.7	256.9	lot 18 con 1 ON		WWIS
Well ID: Constructio	n Dato:	4901610			Lot: Concession:	018 01	
Primary Wa Sec. Water	ter Use::	Domestic			Concession Name: Easting NAD83::	HS W	
Final Well St Specific Cap	status::	Water Supp	Supply		Northing NAD83:: Zone::		
Municipality County:		BRAMPTON PEEL	N CITY (CHINGU	ACOUSY)	UTM Reliability::		
Bore Hole I	nformation						
 Bore Hole I DP2BR:	D:		0316455				
Code OB:		0					
Code OB D	escription:	0	verburden				
Open Hole:							
Date Comp	leted:	20	D-JUN-54				
Remarks: Zone:		17	7				
East 83:			, 94297.5				
North 83:			343282				
UTMRC:		9					
UTMRC Des	scription:	-	nknown UTM				
Location M		p	Э				
Org CS:							
Elevation:		25	56.07				
Elevrc:							
Elevrc Desc							
Location So		ant					
	vision Comm nt Location						
	nt Location						
Supplier Co		methou.					
Spatial Stat							
Overburder Materials In	n and Bedroo nterval						
 Formation I	ח <i>ו</i> .		32034970				
Layer:	<i>D</i> .	9.					
General Co	lor:		ROWN				
	non Material		LAY				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materia		STONES			
Other Materia		0			
Formation To Formation Er		0 22			
	nd Depth UOM:	ft			
 Formation ID	:	 932034971			
Layer:		2			
General Colo Most Commo		GREY CLAY			
Other Materia		STONES			
Other Materia					
Formation To		22			
Formation Er		51			
Formation El	nd Depth UOM:	ft 			
Formation ID	:	932034972			
Layer:		3			
General Colo		GREY			
Most Commo Other Materia		MEDIUM SAND STONES			
Other Materia		STONES			
Formation To		51			
Formation Er	nd Depth:	57			
Formation Er	nd Depth UOM:	ft			
 Method of Co Use	onstruction & Well				
Method Cons		964901610			
	struction Code:	6			
Method Cons	struction: d Construction:	Boring			
	a construction.				
Pipe Informa	tion				
 Pipe ID:		 10865025			
Casing Numl	ber:	1			
Comment:					
Alt Name:					
 Construction	Record - Casing				
	neoora oasing				
Casing ID:		930523088			
Layer:	r Matarial:	1 CONCRETE			
Open Hole of Depth From:	wateriar.	GUNGRETE			
Depth To:		57			
Casing Diam		24			
Casing Diam		inch			
Casing Deptl		ft 			
Well Yield Te	sting				
Pump Test IL Pump Set At		994901610			
Static Level:		51			
	fter Pumping:				
Recommend	ed Pump Depth:				
Pumping Rat					
Flowing Rate	: ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State	After Test Code:	2			
Water State	After Test:	CLOUDY			
		2 CLOUDY			

Мар Кеу	Number Records		Direction/ Distance (m)	Elevation (m)	Site	DB
Pumping Tes Pumping Dur Pumping Dur Flowing:	ation HR:		N			
 Water Details	;					
 Water ID: Layer: Kind Code: Kind: Water Found Water Found 		1:	 933789560 1 1 FRESH 57 ft 			
22	1 of 1		ENE/218.2	255.7	Highwood Drive Brampton ON	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info Or Report Date: Report Type: Search Radiu	dered::		20060718004 7/26/2006 Complete Report 0.25			
<u>23</u>	1 of 1		N/220.2	258.8	ON	WWIS
Well ID: Construction Primary Wate Sec. Water US Final Well Sta Specific Capa Municipality: County:	er Use:: se:: atus:: acity::	7188750 CALEDO PEEL	N TOWN (CHINGUA	(COUSY)	Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::	
Bore Hole Inf	ormation					
 Bore Hole ID: DP2BR: Code OB: Code OB Des			1004197602			
Open Hole: Date Comple Remarks:	ted:		04-MAY-12			
Zone: East 83: North 83: UTMRC: UTMRC Desc Location Met Org CS: Elevation: Elevrc:			17 593846 4843992 4 margin of error : 30 wwr UTM83	m - 100 m		
Elevrc Descri Location Sou Source Revis	rce Date:	ent:				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elevation (m)	Site		DB
Improvemen Improvemen Supplier Co Spatial State	nt Location mment:						
<u>24</u>	1 of 1		N/228.0	258.7	con 1 ON		wwis
Well ID: Constructio Primary Wat Sec. Water L	ter Use::	4908330			Lot: Concession: Concession Name: Easting NAD83::	01 HS W	
Final Well S Specific Cap Municipality County:	oacity::	Abandon BRAMPT PEEL	ed-Other ON CITY (CHINGUA	ACOUSY)	Northing NAD83:: Zone:: UTM Reliability::		
Bore Hole In	nformation						
 Bore Hole IL DP2BR: Code OB:	D:		 10322866				
Code OB De Open Hole:	-		No formation data				
Date Comple Remarks: Zone:	eted:		10-DEC-97 17				
East 83: North 83: UTMRC:			593625 4844007 3				
UTMRC Des Location Me Org CS:	•		margin of error : 10 gps	- 30 m			
Elevation: Elevrc:			264.98				
Elevrc Desc Location So Source Revi Improvemer Improvemer Supplier Co Spatial Statu	urce Date: ision Comm It Location It Location mment:	Source:					
 Annular Spa Sealing Rec	ace/Abando ord	nment	-				
 Plug ID: Layer:			933170992 1				
Plug From: Plug To: Plug Depth	UOM:		0 33 ft				
 Plug ID: Layer:			 933170993 2				
Plug From: Plug To: Plug Depth	UOM:		33 35 ft 				
 Plug ID: Layer: Plug From:			 933170994 3 35				
Plug To: Plug Depth	UOM:		41 ft				
Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB		
---	----------------------	---	------------------	---	-----		
 Method of Co Use	nstruction & Well						
Method Cons	truction Code:	 964908330 0 Not Known					
 Pipe Informat	tion						
 Pipe ID: Casing Numb Comment: Alt Name:	er:	 10871436 1					
<u>25</u>	1 of 1	E/236.0	255.8	Highwood Rd Hurontario St Brampton ON	EHS		
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info Or Report Date: Report Type: Search Radiu		Brampton Highwood Rd Huror ON 20141021062 Topographic Maps 28-OCT-14 Custom Report .25	ntario St				
<u>26</u>	1 of 2	ENE/238.9	255.2	2205302 Ontario Limited 12197 Hurontario Street Brampton ON L6Z 4P8	GEN		
PO Box Num: Status: Country: Generator #: Approval Yrs. SIC Code: SIC Description	::	ON8754994 2010 531310 Real Estate Propert	y Managers				
<u>Details</u> Waste Code: Waste Descri	ption:	221 LIGHT FUELS					
<u>26</u>	2 of 2	ENE/238.9	255.2	2205302 Ontario Limited 12197 Hurontario Street, Brampton, Ontario, L6Z 4P8 ON L6Z 4P8	RSC		
Registration I RSC Type: Restoration T	ype:	88314					
Date Submitte Date Acknow Certification I Date Returne Soil Type: Criteria:	ledg.: Date:	22-Jun-11 23-Sep-10					

Мар Кеу	Number Records		Direction/ Distance (m)	Elevation (m)	Site	DI
Current Prope Certificate Pro Intended Prop Applicable Sta	op Use No:) Use:				with Potable Ground Water, Coarse Textured Soil, for	
Stratified (Y/N) Consultant:):		Industrial/Commerc	ial/Community pr	operty use	
District Office.	:		BRAMPTON			
Property Muni Legal Descrips Prop. Identific	tion:	ress:	12197 Hurontario S PT LOT 18, CON 1, 14235-0001		Ontario, L6Z 4P8 COUSY AS IN RO1144421: S/T CH32237 BRAMPTON	
Entire legal pr UTM Coordina	op. (y/n):		Yes	4843477 (conver	ted from Latitude & Longitude)	
Latitude & Lor Accuracy Esti Measurement CPU Issued So	ngitude: mate: Method:		43.73833330N 79.8 0 to 1 meters Global Positioning S No	2916670W		
<u>27</u>	1 of 1		E/241.6	256.3	CALEDON ON	WWI
		7004004				
Well ID: Construction I Primary Water		7034881			Lot: Concession: Concession Name:	
Sec. Water Us Final Well Stat Specific Capa	tus::	Abandon	ed-Other		Easting NAD83:: Northing NAD83:: Zone::	
Municipality: County:	cny	CALEDC PEEL	N TOWN (ALBION)		UTM Reliability::	
Bore Hole Info	ormation					
 Bore Hole ID: DP2BR:			11760760			
Code OB: Code OB Desc	cription:		o Overburden			
Open Hole: Date Complete Remarks:	-		21-AUG-06			
Zone:			17			
East 83: North 83:			594324 4843313			
UTMRC: UTMRC Descr	iption:		3 margin of error : 10	- 30 m		
Location Meth Org CS:			wwr UTM83			
Elevation: Elevrc:			255.43			
Elevrc Descrip Location Sour Source Revisi	rce Date:	- m4-				
Improvement I Improvement I Supplier Com Spatial Status	Location S Location N ment:	Source:				
 Overburden al Materials Inter	nd Bedroc	k				
 Formation ID: Layer:			 933084634 1			
General Color Most Commor	n Material:		BROWN CLAY			
Other Material	ls:		SILT			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materia	als:				
Formation To	op Depth:	0			
Formation E		3.66			
Formation E	nd Depth UOM:	m 			
 Formation ID):	 933084635 2			
Layer: General Colo	or.	GREY			
Most Commo		CLAY			
Other Materia	als:	SILT			
Other Materia		3.66			
Formation To Formation El		5.18			
	nd Depth UOM:	m			
Annular Space Sealing Reco	ce/Abandonment ord				
 Plug ID:		 933309689			
Layer:		1			
Plug From:		0			
Plug To:		.3			
Plug Depth L	JOM:	m 			
 Plug ID:		933309690			
Layer:		2			
Plug From:		.3			
Plug To:		1.83			
Plug Depth L 	IOM:	m 			
 Plug ID:		933309691			
Layer:		3			
Plug From:		1.83			
Plug To:		5.18			
Plug Depth L	IOM:	m 			
	onstruction & Well				
Use					
Method Cons		967034881 D			
Method Cons	struction Code:	B Other Method			
	d Construction:	Other Method			
Pipe Informa	tion				
 Pipe ID:		 11768450			
Casing Num	ber:	1			
Comment:					
Alt Name:					
 Construction	Record - Casing				
Casing ID:		930892975			
Layer:					
Open Hole of		PLASTIC 0			
Depth From: Depth To:		0 2.13			
Casing Diam	eter:	3.81			
Casing Diam	eter UOM:	cm			
Casing Dept	h UOM:	m			
 Construction	Record - Screen				
Screen ID:		933422079			

Map Key	Number Records		Direction/ Distance (m)	Elevation (m)	Site		DB
Layer: Slot: Screen Top D Screen End D Screen Mater Screen Depth Screen Diame Screen Diame	Depth: ial: UOM: eter UOM:		1 10 2.13 5.18 5 m cm 4.06 				
Hole Diamete	r						
 Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete			 11846664 8.89 0 5.18 m cm				
<u>28</u>	1 of 1		NE/264.6	257.4	lot 19 con 1 ON		wwis
Well ID:	D (4901109			Lot:	019	
Construction Primary Wate	r Use::	Domestic	;		Concession: Concession Name:	01 HS E	
Sec. Water Us Final Well Sta	tus::	Water Su	ipply		Easting NAD83:: Northing NAD83:: Zone::		
Specific Capa Municipality: County:	icity::	CALEDO PEEL	N TOWN (CHINGU/	ACOUSY)	UTM Reliability::		
Bore Hole Infe	ormation						
 Bore Hole ID: DP2BR: Code OB:			 10315955 o				
Code OB Des Open Hole: Date Complet	•		Overburden 12-JUN-54				
Remarks: Zone: East 83:			17 594191.5 4843770				
North 83: UTMRC: UTMRC Desci Location Meth Org CS:			9 unknown UTM p9				
Elevation: Elevrc:			258.8				
Elevrc Descrip Location Sour Source Revis	rce Date:	ent:					
Improvement Improvement Supplier Com Spatial Status	Location N ment:						
 Overburden a Materials Inte		k					
 Formation ID: Layer:			 932032649 1				
General Color Most Commo			BROWN CLAY				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materia					
Other Materia		0			
Formation To		0 18			
Formation E	nd Depth: nd Depth UOM:	ft			
Formation ID):	932032650			
Layer:		2			
General Colo		GREY			
Most Commo		CLAY			
Other Materia Other Materia		STONES			
Formation To		18			
Formation E		45			
	nd Depth UOM:	ft			
Formation ID):	932032651			
Layer:		3			
General Colo		GREY			
Most Commo Other Materia		GRAVEL MEDIUM SAND			
Other Materia					
Formation To		45			
Formation Er		50			
Formation Er	nd Depth UOM:	ft			
	onstruction & Well				
Use					
 Method Cons	struction ID:	964901109			
	struction Code:	6			
Method Cons		Boring			
Other Method	d Construction:	-			
Pipe Informa	tion				
 Pipe ID:		 10864525			
Casing Numl	her:	1			
Comment:		•			
Alt Name:					
Construction	Record - Casing				
Casing ID:		930522435 1			
Layer: Open Hole of	r Material:	GALVANIZED			
Depth From:					
Depth To:		45			
Casing Diam		24			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
	ating				
Well Yield Te	sung				
 Pump Test IL);	 994901109			
Pump Set At					
Static Level:		40			
	fter Pumping:	40			
	ed Pump Depth:				
Pumping Rat					
Flowing Rate					
Levels UOM:	ed Pump Rate:	ft			
Rate UOM:		GPM			
	After Test Code:	1			
Water State		CLEAR			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pumping Tes	st Method:				
Pumping Du					
Pumping Du	ration MIN:				
Flowing:		Ν			
Water Details	S				
Water ID:		933789097			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	45			
Water Found	Depth UOM:	ft			

<u>29</u>	1 of 1	E/265.0	255.8	lot 18 con 1 ON		WWIS
Well ID:		4901103		Lot:	018	
Constructio Primary Wa		Domestic		Concession: Concession Name:	01 HS E	
Sec. Water Final Well S		Water Supply		Easting NAD83:: Northing NAD83::		
Specific Capacity:: Municipality: County:		BRAMPTON CITY (CHING PEEL	GUACOUSY)	Zone:: UTM Reliability::		
Bore Hole I	nformation					
Bore Hole I DP2BR:	D:	10315949				
Code OB:		0				
Code OB D	escription:	Overburden				
Open Hole:	•					
Date Comp	leted:	18-MAY-54				
Remarks:						
Zone:		17				
East 83:		594347.5				
North 83:		4843310				
UTMRC:		9				
UTMRC Des	scription:	unknown UTM				
Location M	ethod:	p9				
Org CS:						
Elevation:		255.4				
Elevrc:						
Elevrc Desc	cription:					
Location So	ource Date:					
Source Rev	vision Comm	ent:				
Improveme	nt Location	Source:				
Improveme	nt Location	Method:				
Supplier Co	omment:					
Spatial Stat						
Overburder	n and Bedroo	ck				
Materials In	terval					
Formation I	ID:	932032627				
Layer:		1				
General Co	lor:	BROWN				
Most Comn	non Material					
Other Mater	rials:	STONES				
Other Mater	rials:					
Formation		0				
Formation	End Depth:	20				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Er	nd Depth UOM:	ft			
 Formation ID	:	 932032628			
Layer:		2			
General Colo		GREY			
Most Commo Other Materia		CLAY			
Other Materia		STONES			
Formation To		20			
Formation Er		50			
	nd Depth UOM:	ft			
 Formation ID		 932032629			
Layer:	•	3			
General Colo	r:	-			
Most Commo	on Material:	GRAVEL			
Other Materia		MEDIUM SAND			
Other Materia		50			
Formation To Formation Er		55			
	nd Depth UOM:	ft			
Method of Co Use 	onstruction & Well				
 Method Cons	struction ID:	964901103			
	struction Code:	6			
Method Cons		Boring			
Other Method	d Construction:				
 Din a Infama	41 a 10				
Pipe Informat	tion				
Pipe ID:		10864519			
Casing Numb	per:	1			
Comment:					
Alt Name:					
 Construction	Record - Casing				
	nooona oaomg				
Casing ID:		930522424			
Layer:		1			
Open Hole or	Material:	GALVANIZED			
Depth From: Depth To:		50			
Casing Diam	eter:	24			
Casing Diam		inch			
Casing Depth	n UOM:	ft			
Well Yield Te	sting				
 Pump Test ID).	 994901103			
Pump Set At:		334301103			
Static Level:		50			
	fter Pumping:				
	ed Pump Depth:				
Pumping Rat					
Flowing Rate Recommende	: ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:	1			
Water State A		CLEAR			
Pumping Tes					
Pumping Dur Pumping Dur					
Flowing:		N			
. iowing.					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		DB
 Water Detail	s					
	•					
Water ID:		933789091				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	d Depth:	50				
Water Found	Depth UOM:	ft				
<u>30</u>	1 of 1	E/290.6	255.9	lot 18 con 1 ON		WWIS
Well ID:	4901 ⁻	104		Lot:	018	
Construction	n Date::			Concession:	01	

Primary Water Use::DomSec. Water Use::Final Well Status::Water			Concession Name: Easting NAD83::	HS E
Final Well Status:: Specific Capacity::	Water Supply		Northing NAD83:: Zone::	
Municipality: County:	BRAMPT PEEL	ON CITY (CHINGUACOUSY)	UTM Reliability::	
Bore Hole Information				
Bore Hole ID: DP2BR:		10315950		
Code OB:		0		
Code OB Description: Open Hole:		Overburden		
Date Completed: Remarks:		01-NOV-61		
Zone:		17		
East 83: North 83:		594372.5 4843281		
UTMRC:		5		
UTMRC Description:		margin of error : 100 m - 300 m		
Location Method:		p5		
Org CS: Elevation:		255.68		
Elevrc:		233.00		
Elevrc Description:				
Location Source Date: Source Revision Comm	ont.			
Improvement Location S				
Improvement Location				
Supplier Comment:				
Spatial Status: 				
 Overburden and Bedroc	k			
Materials Interval				
Formation ID:		932032630		
Layer:		1		
General Color:		PREVIOUSLY DUG		
Most Common Material: Other Materials:		FRENOUSET DUG		
Other Materials:				
Formation Top Depth:		0		
Formation End Depth:	014	35 ft		
Formation End Depth U				
Formation ID:		932032631		
Layer:		2		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Colo Most Commo Other Materia Other Materia Formation To	n Material: Is: Is: p Depth:	BLUE CLAY 35			
Formation En Formation En 	d Depth: d Depth UOM:	65 ft 			
Use	nstruction & Well				
Method Cons	truction Code:	 964901104 6 Boring 			
Pipe Informat 	ion				
Pipe ID: Casing Numb Comment: Alt Name:	er:	10864520 1			
 Construction	Record - Casing				
 Casing ID: Layer: Open Hole or	Material:	 930522425 1			
Depth From: Depth To:		35			
Casing Diame Casing Diame Casing Depth	eter UOM:	inch ft			
 Casing ID: Layer:		 930522426 2			
Open Hole or Depth From:	Material:	CONCRETE			
Depth To: Casing Diame Casing Diame Casing Depth 	eter UOM:	65 30 inch ft 			
Well Yield Te	sting				
Pump Test ID Pump Set At:		994901104			
Pumping Rate	ed Pump Depth: e:	48			
Levels UOM: Rate UOM:	a rump nate.	ft GPM			
	t Method: ation HR:	1 CLEAR			
Flowing: 		N 			
Water Details 					
Water ID: Layer:		933789092 1			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elevation (m)	Site			DB
Kind Code: Kind: Water Found Water Found 		1 FRESH 48 ft 					
<u>31</u>	1 of 1	N/294.8	260.1	20 HESKETH COURT CALEDON ON L7C 1C6			HINC
External File Date of Occur Fuel Occurrer Fuel Type Inv Status Desc:: Job Type Des Oper. Type In Service Intern Property Dan Fuel Life Cyc Root Cause:: Reported Det Fuel Category Occurrence T Affiliation:: County Name Approx. Quai Nearby body Enter Drainag Approx. Quai	rrence: nce Type: volved: sc:: volved:: ruptions:: nage:: le Stage:: le Stage:: y:: 'ype:: y:: fype:: of water:: ge Syst.:: nt. Unit::	Management:No H Gaseous Fuel Incident	Analysis(End) Dccurrence (FS) nent/Material/Con Iuman Factors:No	nponent:Yes Procedures:No o stration/Certificate Holder, Facilit	Maintenance:No y Owner, etc.)	Design:No	Training:No

Unplottable Summary

Total: 65 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 20 Con 1	Peel ON	
AAGR		Lot 18 Con 1	Peel ON	
CA	WALLENSTEIN FEED AND SUPPLY LTD.	LOT 18, CONC. 1	PEEL TWP. ON	
CA	COX CONSTRUCTION LTD. (MATHEWS)	LOT 18, CONC. 1	PEEL TWP. ON	
CA		Part of Lot 20, Concession 1	Caledon ON	
СА		pt. of East half of lot 20 Conc. 1	CALEDON ON	
CA		pt. of East half of lot 20 Conc. 1	CALEDON ON	
CA	541777 ONTARIO LTD.	THE KING'S HWY. #10	BRAMPTON CITY ON	
CA	Mayfield Village (21T-99016B)- Phase 7	Part of the East Half of Lot 18, Conc. 1, WHS	Brampton ON	
CA	797820 ONTARIO LIMITED	PT.LOT 20/CON.1, SNELGROVE,SWM	CALEDON TOWN ON	
CA	Mayfield Village (21T-99016B)- Phase 7	Part of the East Half of Lot 18, Conc. 1, WHS	Brampton ON	
CA	R.M. OF PEEL	ACROSS HIGHWAY 410	BRAMPTON CITY ON	
CA	BAYFIELD GREEN DEVELOPMENT COMPANY	BAYFIELD CENTRE HWY. #10	BRAMPTON CITY ON	
CA	R.M. OF PEEL	E. HURONTARIO ST.	CALEDON TOWN ON	
CA	STARBRAM DEVELOPMENTS INC.	HURONTARIO HWY. 10	BRAMPTON CITY ON	
CA	R.M. OF PEEL	HIGHWAY NO. 10	BRAMPTON CITY ON	
CA	REGIONAL MUNICIPALITY OF PEEL	E. HURONTARIO ST.	CALEDON TOWN ON	

CA	Caledon Village Well No. 3 and Well No. 4	Highway 10	Caledon ON
CA	Caledon Village Well No. 3 and Well No. 4	Highway 10	Caledon ON
СА	662016 ONTARIO LTD.	HWY. #10	BRAMPTON CITY ON
СА	BRAMPTON CITY	HURONTARIO STREET	BRAMPTON CITY ON
СА	CITY SOUTH LIMITED	HURONTARIO STREET	BRAMPTON CITY ON
CA	PEEL NON-PROFIT HOUSING CORP.	HURONTARIO ST. (PHASE 2)	BRAMPTON CITY ON
CA	PEEL NON-PROFIT HOUSING CORP.	HURONTARIO ST. (PHASE 2)	BRAMPTON CITY ON
СА	PEEL NON-PROFIT HOUSING CORP.	HURONTARIO ST. (PHASE 1)	BRAMPTON CITY ON
CA	PEEL NON-PROFIT HOUSING CORP.	HURONTARIO ST. (PHASE 1)	BRAMPTON CITY ON
CA	KANEFF PROPERTIES LIMITED	HURONTARIO ST.	BRAMPTON CITY ON
СА	CITY SOUTH LIMITED	HURONTARIO ST.	BRAMPTON CITY ON
EBR	Med-Tech Environmental Ltd.	Lot 20	City of Brampton ON
ECA	Mattamy (Credit River) Limited	West of Hurontario Street	Brampton ON
ECA	Harbour View Investments Limited	Lot 20	Caledon Town ON
ECA EHS		Lot 20 Hurontario St Route	Caledon Town ON Brampton ON
EHS		Hurontario St Route	Brampton ON
EHS EHS	Limited	Hurontario St Route Hurontario Street	Brampton ON Brampton ON
EHS EHS EXP	Limited BRAMPTON BRICK SALES	Hurontario St Route Hurontario Street HURONTARIO ST	Brampton ON Brampton ON BRAMPTON ON
EHS EHS EXP EXP	Limited BRAMPTON BRICK SALES BRAMPTON BRICK SALES	Hurontario St Route Hurontario Street HURONTARIO ST HURONTARIO ST	Brampton ON Brampton ON BRAMPTON ON BRAMPTON ON
EHS EHS EXP EXP FST	Limited BRAMPTON BRICK SALES BRAMPTON BRICK SALES CBM	Hurontario St Route Hurontario Street HURONTARIO ST HURONTARIO ST WEST SIDE HWY 10	Brampton ON Brampton ON BRAMPTON ON BRAMPTON ON CALEDON ON

GEN	ESSO PETROLEUM CANADA 49-006	WEST SIDE ON HWY 10 NORTH BRAMPTON, C/O 1210 SHEPPARD AVE. E.	NORTH YORK ON	M2K 2S8
GEN	ESSO PETROLEUM CANADA 49-006	WEST SIDE ON HWY10N.,1 MILE N.OF HWY 7 BRAMPTON, C/O 1210 SHEPPARD AVE. E.	NORTH YORK ON	M2K 2S8
GEN	MARTIN AGRI DRAINAGE LTD.	LOT 20, CONC 1,	PEEL TWP. ON	N0B 2S0
GEN	UNITED AGGREGATES LTD. 39-116	CALEDON PIT, HWY. #10, SOUTH OF CALEDON C/O 35 VAN KIRK DRIVE, UNIT 20-A	BRAMPTON ON	L7A 1A5
GEN	UNITED AGGREGATES LTD.	CALEDON PIT, HWY. #10, SOUTH OF CALEDON C/O 35 VAN KIRK DRIVE, UNIT 20-A	BRAMPTON ON	L7A 1A5
GEN	ESSO PETROLEUM CANADA	HIGHWAY 10 NORTH 1 MILE NORTH OF HIGHWAY 7	BRAMPTON ON	L6N 3N2
GEN	ESSO PETROLEUM CANADA	HWY 10 NORTH 1 MILE NORTH OF HWY 7	BRAMPTON ON	L6N 3N2
GEN	DOUG CHALMERS INC. 12-647	HWY 10 NORTH OF BOVAIRD, BRAMPTON C/O BOX 280	GEORGETOWN ON	L7G 4Y5
PRT	MARTIN AGRI DRAINAGE LTD	LOT 20 CON 1	PEEL TWP ON	
PRT	CANADA BUILDING MAT'LS	WEST SIDE HWY 10	CALEDON ON	
PTTW	Wallenstein Feed and Supply	Lot 18	Township of Peel ON	
SCT	UNITED AGGREGATES LTD	HWY 10	CALEDON VILLAGE ON	LON 1C0
SCT	Blue Circle Aggregates	Hwy 10	Caledon Village ON	LON 1C0
SCT	Caledon Sand & Gravel Inc.	Hwy 10	Caledon Village ON	LON 1C0
SCT	BLUE CIRCLE AGGREGATES	Hwy 10	Caledon Village ON	LON 1C0
SPL	Super Save Disposal (Ontario) Inc.	hwy 410 southbound, south of Bovaird	Brampton ON	
SPL	Link Ontario Ltd. <unofficial></unofficial>	ON HWY. 410, S-BOUND LANE, N. OF DERRY RD. IN BRAMPTON <unofficial></unofficial>	Brampton ON	
SPL	CONTRACTOR	HWY 10 JUST NORTH OF THE POWER LINES (N.O.S.)	BRAMPTON CITY ON	
SPL	ESSO PETROLEUM CANADA	WEST SIDE OF HWY. 10, 1/4 MI. NORTH OF HWY. 7 BULK STATION	BRAMPTON CITY ON	
SPL	Maritine Ontario <unofficial></unofficial>	HWY. 410, N-BOUND LANE, JUST NORTH OF CLARK BLVD. <unofficial></unofficial>	Brampton ON	
SPL	S. 21	410 Southbound, South of Williams Parkway	Brampton ON	
SPL	3580768 Canada Inc.	HWY 10 SB at Forks of the Credit Rd	Caledon ON	

SPL		on Highway 10	Caledon ON
SPL	TRANSPORT TRUCK	HWY 10 SOUTHBOUND, SOUTH OF HWY 9, NORTH OF #25 SIDE ROAD. MOTOR VEHICLE (OPERATING FLUID)	CALEDON TOWN ON
SPL		Highway 10	Caledon ON
SPL	UNKNOWN	CREEK UNDER HWY 10, SOUTH OF SANDALWOOD PARKWAY	BRAMPTON CITY ON

Unplottable Report

<u>Site:</u> Lot 20 Con 1 Peel ON		Database: AAGR
Time		
Type:	Mallington	
Region/County:	Wellington	
Township:	Peel	
Concession::	1	
Lot::	20	
Size (ha)::		
Landuse::		
Comments::	naturally rehabilitated	
<u>Site:</u> Lot 18 Con 1 Peel ON		Database: AAGR
Туре:		
Region/County:	Wellington	
Township:	Peel	
Concession::	1	
Lot::	18	
	10	
Size (ha)::		
Landuse::	and share the sector of the se	
Comments::	naturally rehabilitated	
<u>Site:</u> WALLENSTEIN FEED A LOT 18, CONC. 1 PEE Certificate #:		Database: CA
	93	
Application Year:		
Issue Date:	7/6/1993	
Approval Type:	Industrial air	
Status:	Approved	
Application Type:		
Client Name::		
Client Address::		
Client City::		
Client Postal Code::		
Project Description::	CYC./B-HSE FILTER FOR PELLETING PROCESS	
Contaminants::	Suspended Particulate Matter	
Emission Control::	Baghouse (Incl Vent Fil.), Cyclone,	
<u>Site:</u> COX CONSTRUCTION LOT 18, CONC. 1 PEE		Database: CA
Certificate #:	8-2052-91-	
Application Year:	91	
Issue Date:	4/9/1992	
Approval Type:	Industrial air	
Status:	Approved in 1992	
Application Type:		
Client Name::		
Client Address::		
Client City::		
Client Postal Code::		
Project Description::	PORT. CRUSHING MACHINE/1 DIESEL ENGINE	

Site:

Part of Lot 20, Concession 1 Caledon ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client Address:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::

1649-53YTNP 01 10/30/01 Industrial air Approved New Certificate of Approval The Corporation of the Regional Municipality of Peel 10 Peel Centre Drive, Fourth Floor Brampton L6T 4B9 Installation of a diesel Generator

Site:

pt. of East half of lot 20 Conc. 1 CALEDON ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 8667-4FELRU 00 1/10/00 Municipal & Private water Approved New Certificate of Approval 969904 Ontario Inc. 6409 Old Church Rd CALEDON watermains and appurtenances.

Site:

pt. of East half of lot 20 Conc. 1 CALEDON ON

Certificate #:
Application Year:
Issue Date:
Approval Type:
Status:
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

0270-4FB254 00 1/10/00 Municipal & Private sewage Approved New Certificate of Approval 969904 Ontario Inc. 6409 Old Church Rd CALEDON sanitary sewers, watermains and appurtenances.

<u>Site:</u> 541777 ONTARIO LTD. THE KING'S HWY. #10 BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: 3-0165-88-88 2/19/1988 Municipal sewage Approved Database:



Database: CA

Database: CA

Database: CA

CA

Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::

<u>Site:</u> Mayfield Village (21T-99016B)- Phase 7 Part of the East Half of Lot 18, Conc. 1, WHS Brampton ON



Database:

Database: CA

CA

Certificate #:	4617-4UFMAN
Application Year:	01
Issue Date:	3/5/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Asbestos Workers Pension Fund Rep (1) Inc.
Client Address::	3 Church Street, Suite 200
Client City::	Toronto
Client Postal Code::	M5E 1M2
Project Description::	Sanitary and storm sewers to be constructed on Lawlor Court to serve Mayfield Village- Phase 7
Contaminants::	
Emission Control::	

<u>Site:</u> 797820 ONTARIO LIMITED PT.LOT 20/CON.1, SNELGROVE,SWM CALEDON TOWN ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 3-1152-96-96 10/10/1996 Municipal sewage Approved

Site:	Mayfield Village (21T-99016B)- Phase 7	
	Part of the East Half of Lot 18, Conc. 1, WHS	Brampton ON

Certificate #:	5445-4UFLKM
Application Year:	01
Issue Date:	3/5/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name::	Asbestos Workers Pension Fund Rep (1) Inc.
Client Address::	3 Church Street, Suite 200
Client City::	Toronto
Client Postal Code::	M5E 1M2
Project Description::	Watermains to be constructed on Lawlor Court to serve Mayfield Village (Phase 7)
Contaminants::	
Emission Control::	

Database:

CA

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 7-0038-87-87 2/6/1987 Municipal water Approved

<u>Site:</u> BAYFIELD GREEN DEVELOPMENT COMPANY BAYFIELD CENTRE HWY. #10 BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 3-0084-89-89 2/8/1989 Municipal sewage Approved

<u>Site:</u> R.M. OF PEEL E. HURONTARIO ST. CALEDON TOWN ON

STARBRAM DEVELOPMENTS INC.

HURONTARIO HWY. 10 BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 3-1453-92-92 11/4/1992 Municipal sewage Approved Database: CA

Database:

CA

Database: CA

Site:

Certificate #:

7-1817-87-87 12/17/1987 Municipal water Approved

<u>Site:</u> R.M. OF PEEL HIGHWAY NO. 10 BRAMPTON CITY ON

REGIONAL MUNICIPALITY OF PEEL

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::

Site:

7-1776-87-87 11/27/1987 Municipal water Approved

<u></u>	CALEDON TOWN ON
Certificate #:	8-3357-92-
Application Year:	92
Issue Date:	11/24/1992
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	30 KW DIESEL GEN-SET AT SEW. PUMP STA.
Contaminants::	Nitrogen Oxides
Emission Control::	No Controls

<u>Site:</u> Caledon Village Well No. 3 and Well No. 4 Highway 10 Caledon ON

Certificate #: 8732-5AUL84 Application Year: 02 Issue Date: 6/13/02 Approval Type: Municipal & Private water Approved Status: Application Type: Amended CofA Client Name:: The Corporation of the Regional Municipality of Peel 10 Peel Centre Drive, Fourth Floor Client Address:: Client City:: Brampton Client Postal Code:: L6T 4B9 **Project Description::** Amendment of Deadline for Hydrogeological GDUI Study Reports Contaminants:: **Emission Control::**

<u>Site:</u> Caledon Village Well No. 3 and Well No. 4 Highway 10 Caledon ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type:

72

7080-56FSCY 02 6/13/02 Municipal & Private water Revoked and/or Replaced New Certificate of Approval



Database: CA

Order No: 20170327039

Database:

CA

Database: CA Client Name:: Client Address:: Client City:: Client Postal Code:: **Project Description::**

Contaminants:: Emission Control::

Site: 662016 ONTARIO LTD. HWY. #10 BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client Citv:: Client Postal Code:: **Project Description::** Contaminants:: **Emission Control::**

7-1189-89-89 7/26/1989 Municipal water Approved

Region of Peel

Brampton L6T 4B9

system

4th Floor, 10 Peel Centre Dr.,

The system comprises of two (2) well pump housees, reservoir and booster pumping station and distribution

BRAMPTON CITY Site: HURONTARIO STREET BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: **Emission Control::**

3-1374-88-88 8/5/1988 Municipal sewage Approved

Site: **CITY SOUTH LIMITED** HURONTARIO STREET BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: **Project Description::** Contaminants:: **Emission Control::**

7-0916-89-89 6/9/1989 Municipal water Approved

Database: CA

PEEL NON-PROFIT HOUSING CORP. Site: HURONTARIO ST. (PHASE 2) BRAMPTON CITY ON



Order No: 20170327039

Database: CA

Database: CA

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 7-0624-85-006 85 7/25/85 Municipal water Approved

<u>Site:</u> PEEL NON-PROFIT HOUSING CORP. HURONTARIO ST. (PHASE 2) BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 3-0856-85-006 85 7/25/85 Municipal sewage Approved

<u>Site:</u> PEEL NON-PROFIT HOUSING CORP. HURONTARIO ST. (PHASE 1) BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: 7-0397-85-006 85 6/12/85 Municipal water Approved Database: CA

Database: CA

<u>Site:</u> PEEL NON-PROFIT HOUSING CORP. HURONTARIO ST. (PHASE 1) BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Cotty:: Client Postal Code:: Project Description:: Contaminants:: 3-0563-85-006 85 6/12/85 Municipal sewage Approved Database: CA

<u>Site:</u> KANEFF PROPERTIES LIMITED HURONTARIO ST. BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client City:: Project Description:: Contaminants:: Emission Control:: 7-1409-86-86 12/1/1986 Municipal water Approved

3-1088-89-

Municipal sewage

89 6/9/1989

<u>Site:</u> CITY SOUTH LIMITED HURONTARIO ST. BRAMPTON CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::

<u>Site:</u> Med-Tech Environmental Ltd. Lot 20 City of Brampton ON

EBR Registry No.: IA9E0559 Year: 1999 Notice Type: Instrument Instrument Type: EPA s. 27 - Approval for a waste disposal site. Ministry Ref. No.: Proposal Date: 4/30/99 Location: City of Brampton Med-Tech Environmental Ltd.17 Melanie Drive, Brampton, Ontario, L6T 4K8 **Proponent Address:** Notice Date:

<u>Site:</u> Mattamy (Credit River) Limited West of Hurontario Street Brampton ON

Record Type: PDF URL: Full Address: CofA Number: Date: Status: Project Type:

8799-97PRP6 5/21/13 Approved Municipal and Private Sewage

Site: Harbour View Investments Limited

Database:

Database: CA

Database: EBR

Database: ECA

Database:

Record Type: PDF URL: Full Address: CofA Number: Date: Status: Project Type:

https://www.accessenvironment.ene.gov.on.ca/instruments/9495-A6JR73-14.pdf Lot 20, Concession 9 Caledon Town, Regional Municipality of Peel 0297-ABYPSX 2016-07-22 Approved Municipal and Private Sewage Works

Site:

Hurontario St Route Brampton ON

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20110509034
Addit. Info Ordered::	
Report Date:	24-JAN-13
Report Type:	Custom Report
Search Radius (km):	.25

Site:

Hurontario Street Brampton ON

Postal Code: City: Address2: Address1: Provstate:	
Order No.: Addit. Info Ordered:: Report Date: Report Type:	20070809028 Fire Insur. Maps And /or Site Plans 8/17/2007 CAN - Complete Report
Search Radius (km):	0.25

<u>Site:</u> BRAMPTON BRICK SALES HURONTARIO ST BRAMPTON ON

Instance ID:	396057
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	
Instance Number:	9902445
Instance Type:	FS Facility
Status:	EXPIRED
Description:	FS Propane Cylr Handling Facility

<u>Site:</u> BRAMPTON BRICK SALES HURONTARIO ST BRAMPTON ON

Instance ID: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date: Instance Number: Instance Type: Status: Description:

11099172 FS Propane Tank EXPIRED

FS Propane Tank

68842

76



Database: EXP

Database: EHS

Site: CBM WEST SIDE HWY 10 CALEDON ON

10638256 Instance Number: Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Diesel Status: Active Capacity: 22730 Fiberglass (FRP) Tank Material: **Corrosion Protection:** Fiberglass Single Wall UST Tank Type: Install Year: 1988 Fuels Safety Private Fuel Outlet - Self Serve Parent Facility Type: FS Liquid Fuel Tank Facility Type:

Site: СВМ WEST SIDE HWY 10 CALEDON ON

License Issue Date: Tank Status: Tank Status As Of: **Operation Type:** Facility Type:

--Details--Status: Year of Installation: **Corrosion Protection:** Capacity: Tank Fuel Type:

Licensed August 2007 **Private Fuel Outlet** Gasoline Station - Self Serve

5/1/2002

Active 1988 22730 Liquid Fuel Single Wall UST - Diesel

СВМ Site:

WEST SIDE HWY 10 CALEDON ON

License Issue Date:	5/1/2002
Tank Status:	Licensed
Tank Status As Of:	December 2008
Operation Type:	Private Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

Details	
Status:	Active
Year of Installation:	1988
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Diesel

Canada Building Materials Company <u>Site:</u> RR#2 Highway 10, West Side Caledon ON LON 1C0

PO Box Num: Status: Country: Generator #: Approval Yrs:: SIC Code: SIC Description:

ON4134996 02,03,04,05,06

77



GEN



Database: FSTH

Database:

Order No: 20170327039

<u>Details</u> Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS
Waste Code:	270
Waste Description:	OTHER SPECIFIED ORGANICS
Waste Code:	221
Waste Description:	LIGHT FUELS

<u>Site:</u> ESSO PETROLEUM CANADA 49-006 WEST SIDE ON HWY 10 NORTH BRAMPTON, C/O 1210 SHEPPARD AVE. E. NORTH YORK ON M2K 2S8

Database: GEN

PO Box Num: Status:	
Country: Generator #:	ON1315743
Approval Yrs::	96
SIC Code:	5111
SIC Description:	PETROLEUM PROD., WH.
<u>Details</u> Waste Code: Waste Description:	146 OTHER SPECIFIED INORGANICS

Waste Code:	221
Waste Description:	LIGHT FUELS
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES

<u>Site:</u> ESSO PETROLEUM CANADA 49-006 Database: WEST SIDE ON HWY10N.,1 MILE N.OF HWY 7 BRAMPTON, C/O 1210 SHEPPARD AVE. E. NORTH YORK ON M2K GEN 2S8

PO Box Num:Status:Country:Generator #:ON1315743Approval Yrs::94,95SIC Code:SIC Description:PETROLEUM PROD., WH.

 --Details-

 Waste Code:
 146

 Waste Description:
 OTHER SPECIFIED INORGANICS

221

LIGHT FUELS

Waste Code: Waste Description:

 Waste Code:
 251

 Waste Description:
 OIL SKIMMINGS & SLUDGES

<u>Site:</u> MARTIN AGRI DRAINAGE LTD. LOT 20, CONC 1, PEEL TWP. ON NOB 2S0

PO Box Num: Status: Country: Generator #: Approval Yrs:: SIC Code:

ON1432600 92,93,97,98 4213



Waste Code:

PO Box Num:

<u>--Details--</u> Waste Code: Waste Description:

Waste Description:

ALIPHATIC SOLVENTS 252 WASTE OILS & LUBRICANTS

212

Site: UNITED AGGREGATES LTD. 39-116 CALEDON PIT, HWY. #10, SOUTH OF CALEDON C/O 35 VAN KIRK DRIVE, UNIT 20-A BRAMPTON ON L7A 1A5 Database: GEN

Status:	
Country:	
Generator #:	ON0443002
Approval Yrs::	94
SIC Code:	0821
SIC Description:	SAND & GRAVEL PITS
Details	
Waste Code:	213
Waste Description:	PETROLEUM DISTILLATES

Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

Site:	UNITED AGGREGATES LTD.	Database:
0/10.		
	CALEDON PIT. HWY. #10. SOUTH OF CALEDON C/O 35 VAN KIRK DRIVE. UNIT 20-A BRAMPTON ON L7A 1A5	GEN

PO Box Num: Status: Country: Generator #: Approval Yrs:: SIC Code: SIC Description:

<u>Details</u> Waste Code: Waste Description:	213 PETROLEUM DISTILLATES
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

<u>Site:</u> ESSO PETROLEUM CANADA HIGHWAY 10 NORTH 1 MILE NORTH OF HIGHWAY 7 BRAMPTON ON L6N 3N2

ON1315743

99,00,01

5111

221

ON0443002

0821

86,87,88,89,90

SAND & GRAVEL PITS

Database: GEN

Country: Generator #: Approval Yrs:: SIC Code: SIC Description: --Details--Waste Code: Waste Description:

146 OTHER SPECIFIED INORGANICS

PETROLEUM PROD., WH.

Waste Code:

PO Box Num: Status:

-				
OIL	SKIMMINGS	&	SL	UDGES

ESSO PETROLEUM CANADA Site: HWY 10 NORTH 1 MILE NORTH OF HWY 7 BRAMPTON ON L6N 3N2

PO Box Num: Status: Country: Generator #: ON1315743 Approval Yrs:: 92,93,97,98 SIC Code: 5111 PETROLEUM PROD., WH. SIC Description:

Waste Description:

<u>Details</u> Waste Code: Waste Description:	146 OTHER SPECIFIED INORGANICS
Waste Code:	221
Waste Description:	LIGHT FUELS
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES

<u>Site:</u>	DOUG CHALMERS INC.	12-647	
	HWY 10 NORTH OF BOVAIRD, E	BRAMPTON C/O BOX 280	GEORGETOWN ON L7G 4Y5

PO Box Num: Status: Country:	
Generator #:	ON1498000
Approval Yrs::	92,93,94,95,96,97,98
SIC Code:	5111
SIC Description:	PETROLEUM PROD., WH.

--Details--Waste Code: 146 OTHER SPECIFIED INORGANICS Waste Description:

221

LIGHT FUELS

Waste Code: Waste Description:

Waste Code: 251 **OIL SKIMMINGS & SLUDGES** Waste Description:

MARTIN AGRI DRAINAGE LTD Site: LOT 20 CON 1 PEEL TWP ON

Location ID:	11409
Туре:	private
Expiry Date:	
Capacity (L):	9092.00
Licence #:	0001023784

Site: CANADA BUILDING MAT'LS WEST SIDE HWY 10 CALEDON ON

Location ID:

erisinfo.com | Environmental Risk Information Services

2544

private

Type:

Database: GEN

> Database: PRT

> Database: PRT

Database: GEN

Expiry Date: Capacity (L): Licence #:

22730.00 0001055514

<u>Site:</u> Wallenstein Feed and Lot 18 Township of P	Supply leel ON	Database PTTW
lear:	2000	
EBR Registry No.:	IA00E0028	
Ministry Reference Number:		
Notice Type:	Instrument	
nstrument Type:	OWRA s. 34 - Permit to take water Township of Peel	
Proposal Date:		
ocation:		
Proponent Address: Notice Date:	Wallenstein Feed and SupplyP.O. Box 22, Wallenstein, Ontario, N0B 2S0	
<u>Site:</u> UNITED AGGREGATE: HWY 10 CALEDON VI		Database SCT
Established:	1970	
Plant Size (ft ²):	0	
Employment:	30	
-Details		
Description:	MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED	
SIC/NAICS Code:	3295	
i <u>ite:</u> Blue Circle Aggregate: Hwy 10 Caledon Villa		Database SCT
Established:	1970	
Plant Size (ft²):		
Employment:	30	
<u>-Details</u> Description: SIC/NAICS Code:	Sand and Gravel Mining and Quarrying 212323	
<u>Site:</u> Caledon Sand & Grave Hwy 10 Caledon Villa		Database SCT
Established:	01-JUL-55	
Plant Size (ft²): Employment: - <u>Details</u>		
<i>Employment:</i> - <u>Details</u> Description:	Sand and Gravel Mining and Quarrying	
Employment:	Sand and Gravel Mining and Quarrying 212323	
Employment: - <u>Details</u> Description: SIC/NAICS Code: Description:	212323 Sand and Gravel Mining and Quarrying	
Employment: - <u>Details</u> Description: SIC/NAICS Code: Description:	212323	
Employment: - <u>Details</u> Description: SIC/NAICS Code: Description: SIC/NAICS Code:	212323 Sand and Gravel Mining and Quarrying 212323	Database SCT
Employment: - <u>Details</u> Description: SIC/NAICS Code: Description: SIC/NAICS Code: SIC/NAICS Code: BLUE CIRCLE AGGRE Hwy 10 Caledon Villa	212323 Sand and Gravel Mining and Quarrying 212323 GATES ge ON LON 1CO	
Employment: <u>-Details</u> Description: SIC/NAICS Code: Description: SIC/NAICS Code: Site: BLUE CIRCLE AGGRE	212323 Sand and Gravel Mining and Quarrying 212323	

Employment:

<u>--Details--</u> Description: SIC/NAICS Code:

All Other Non-Metallic Mineral Product Manufacturing 327990

<u>Site:</u> Super Save Disposal (Ontario) Inc. hwy 410 southbound, south of Bovaird Brampton ON

Ref No:	2362-7UTKSW
Contaminant Code: Contaminant Name:	COOLANT N.O.S.
Contaminant Quantity: Incident Cause:	10 L
Incident Dt:	
Incident Reason:	
Incident Summary:	Super Save truck: coolant on hwy410 shoulder/sewer
MOE Reported Dt:	8/11/2009
Environmental Impact:	Not Anticipated
Nature of Impact:	
Receiving Medium: SAC Action Class:	Land Spills
SAC Action Class: Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	Brampton

Database: <mark>SPL</mark>

Database: SPL

Database: <mark>SPL</mark>

Site:	Link Ontario Ltd. <unofficial></unofficial>
	ON HWY. 410, S-BOUND LANE, N. OF DERRY RD. IN BRAMPTON <unofficial> Brampton ON</unofficial>

Ref No:	6845-63LSQ4
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Quantity:	200 L
Incident Cause:	Container Leak (Fuel Tank Barrels)
Incident Dt:	8/6/2004
Incident Reason:	Debris on Road
Incident Summary:	Link Trucking - 200 L of diesel to hwy.
MOE Reported Dt:	8/6/2004
Environmental Impact:	
Nature of Impact:	
Receiving Medium:	Land
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	Brampton

<u>Site:</u> CONTRACTOR HWY 10 JUST NORTH OF THE POWER LINES (N.O.S.) BRAMPTON CITY ON

Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity:	129453
Incident Cause:	OTHER CONTAINER LEAK
Incident Dt:	7/19/1996
Incident Reason:	FIRE/EXPLOSION
Incident Summary:	ROTOMILLS SERVICES: 67 L HYDRAULIC OIL TO GRAVEL ROAD,CONTAINED & CLEANED.
MOE Reported Dt:	7/19/1996
Environmental Impact:	CONFIRMED
Nature of Impact:	Soil contamination
Receiving Medium:	LAND

SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:

21101

<u>Site:</u> ESSO PETROLEUM CAI WEST SIDE OF HWY. 10	NADA , 1/4 MI. NORTH OF HWY. 7 BULK STATION BRAMPTON CITY ON	Database: SPL
Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity:	53724	
Incident Cause: Incident Cause: Incident Dt: Incident Reason: Incident Summary: MOE Reported Dt: Environmental Impact: Nature of Impact: Receiving Medium: SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:	OTHER CONTAINER LEAK 7/8/1991 CORROSION ESSO PETROLEUM -1,100 L. GASOLINE TO DYKED AREA AT BULK PLANT. 7/8/1991 CONFIRMED Soil contamination LAND / AIR	

<u>Site:</u> Maritine Ontario <UNOFFICIAL> HWY. 410, N-BOUND LANE, JUST NORTH OF CLARK BLVD. <UNOFFICIAL> Brampton ON

Ref No:	1154-6MP5ZH
Contaminant Code:	22
Contaminant Name:	POTASSIUM HYDROXIDE SOLUTION
Contaminant Quantity:	not provided
Incident Cause:	
Incident Dt:	3/7/2006
Incident Reason:	
Incident Summary:	Maritine Ontario - 3 L potassium hydroxide to ground.
MOE Reported Dt:	3/7/2006
Environmental Impact:	Not Anticipated
Nature of Impact:	Soil Contamination
Receiving Medium:	Land
SAC Action Class:	
Sector Source Type:	other
Receiving Environment:	
Incident Event:	
Site Municipality:	Brampton

Site: S. 21

410 Southbound, South of Williams Parkway Brampton ON

Ref No:	0573-5HYKXE
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Quantity:	600 L
Incident Cause:	Other Transport Accident
Incident Dt:	1/20/2003
Incident Reason:	Ice/Snow/Rain
Incident Summary:	MVA: <s. 21=""> - 600 L diesel fuel to Hwy 410, drains</s.>
MOE Reported Dt:	1/20/2003
Environmental Impact:	Possible
Nature of Impact:	Multi-Media Pollution
Receiving Medium:	Land & Water
SAC Action Class:	Spill to Highway (Accident); Spill to Inland Watercourses

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Database: <mark>SPL</mark>



Brampton

3580768 Canada Inc. Site: HWY 10 SB at Forks of the Credit Rd Caledon ON

Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: Incident Cause: Incident Dt: Incident Reason: Incident Summary: MOE Reported Dt:	7530-8G22B8 13 DIESEL FUEL 600 L Overturn - Truck Or Trailer 4/17/2011 Spill TT- DST Transport 600L to road and ditch 4/17/2011
Environmental Impact: Nature of Impact:	Confirmed Other Impact(s)
Receiving Medium: SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:	Highway Spills (usually highway accidents) Motor Vehicle Caledon

Site:

on Highway 10 Caledon ON

Ref No:	2883-9NKMUK
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Quantity:	0 other - see incident description
Incident Cause:	Collision/Accident
Incident Dt:	2014/09/02
Incident Reason:	Unknown / N/A
Incident Summary:	MVA: fatality fuel in ditch, water
MOE Reported Dt:	2014/09/02
Environmental Impact:	Confirmed
Nature of Impact:	Surface Water Pollution
Receiving Medium:	
SAC Action Class:	Highway Spills (usually highway a
Sector Source Type:	Truck - Transport/Hauling
Receiving Environment:	
Incident Event:	
Site Municipality:	Caledon

h, water

highway accidents) ng

TRANSPORT TRUCK Site: HWY 10 SOUTHBOUND, SOUTH OF HWY 9, NORTH OF #25 SIDE ROAD. MOTOR VEHICLE (OPERATING FLUID) CALEDON TOWN ON

Ref No: Contaminant Code: Contaminant Name:	107128
Contaminant Quantity:	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT
Incident Dt:	11/7/1994
Incident Reason:	ERROR
Incident Summary:	G.M.F. TRANSPORT: 900L DIESEL LEAK FROM SADDLE TANKS TO HWY; M.V.A.
MOE Reported Dt:	11/7/1994
Environmental Impact:	CONFIRMED
Nature of Impact:	Soil contamination
Receiving Medium:	LAND
SAC Action Class:	



Database: SPL

Database:

SPL

21401

Site:

Highway 10 Caledon ON

Ref No:	3563
Contaminant Code:	
Contaminant Name:	Ope
Contaminant Quantity:	40 L
Incident Cause:	Othe
Incident Dt:	
Incident Reason:	Othe
Incident Summary:	MVA
MOE Reported Dt:	11/1
Environmental Impact:	Not /
Nature of Impact:	Othe
Receiving Medium:	
SAC Action Class:	Land
Sector Source Type:	Moto
Receiving Environment:	
Incident Event:	
Site Municipality:	

8563-8B95ZE Operating Fluid 40 L Other Discharges

Other - Reason not otherwise defined MVA: Hwy 10, 40L of fluids to roadway 11/15/2010 Not Anticipated Other Impact(s) Land Spills Motor Vehicle Database: <mark>SPL</mark>

<u>Site:</u>	UNKNOWN CREEK UNDER HWY	10, SOUTH OF SANDALWOOD PARKWAY BRAMPTON CITY ON	Database: SPL
Contar	: ninant Code: ninant Name: ninant Quantity:	107427	
Incider Incider Incider Incider MOE R Enviro Nature Receiv SAC A Sector Receiv Incider	nt Cause: nt Dt: nt Reason: nt Summary: reported Dt: nmental Impact: of Impact: ing Medium: ction Class: Source Type: ing Environment: nt Event:	UNKNOWN 11/16/1994 UNKNOWN UNKNOWN SOURCE-ANTIFREEZETO CREEK AT HWY 10 & SANDALWOOD PARKWAY 11/16/1994 CONFIRMED Water course or lake WATER	
	inicipality:	21101	

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:

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:

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Sep 2016

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

Government Publication Date: 1800-Nov 2016

Abandoned Mine Information System:

Anderson's Waste Disposal Sites:

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

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: Oct 31, 2016

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.

Certificates of Approval: 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*

Government Publication Date: 1875-Jul 2014

Provincial AAGR

Provincial

Provincial

Private

AMIS

AGR

ANDR

AUWR

BORE

Private

Provincial

Provincial

86

Borehole:

Order No: 20170327039

Provincial

Private

Private

Provincial

Provincial

CFOT

CHFM

CNG

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

Government Publication Date: Oct 31, 2016

Commercial Fuel Oil Tanks:

Chemical Register:

Government Publication Date: Oct 31, 2016

(i.e. fractionation, solvent extraction, crystallization, etc.).

Inventory of Coal Gasification Plants and Coal Tar Sites:

Compressed Natural Gas Stations:

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance. Government Publication Date: Dec 31, 2012

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

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*

Provincial **Compliance and Convictions:** This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law. Government Publication Date: 1989-Jan 2017

Certificates of Property Use: 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-Jan 2017

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry:

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-Nov 2016

Environmental Registry:

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-Jan 2017

FBR

Provincial

FASR

COAL

CONV

CPU

Provincial

Environmental Compliance Approval:

Disposal Sites please refer to the WDS database. Government Publication Date: Oct 2011-Nov 2016

database provides information on the mill name, geographical location and sub-lethal toxicity data.

Environmental Effects Monitoring: 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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

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.

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System:

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:

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid

fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: May 31, 2014

Government Publication Date: Oct 31, 2016

Contaminated Sites on Federal Land:

List of TSSA Expired Facilities: This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels

Federal Convictions:

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*

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

Government Publication Date: June 2000-Aug 2016

Fisheries & Oceans Fuel Tanks:

88

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-Sept 2003

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Provincial

Federal

Private

Federal

Provincial

Provincial

Federal

Federal

Federal

FCA

EEM

EHS

FIIS

FMHF

FXP

FCON

FCS

FOFT

Order No: 20170327039

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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

type.

Fuel Storage Tank:

Ontario Regulation 347 Waste Generators Summary: Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection,

collected by the Technical Standards and Safety Authority.

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.

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

Government Publication Date: 1986-Sep 2016

Government Publication Date: 2013 - Dec 2014

Government Publication Date: Oct 31, 2016

Government Publication Date: Pre-Jan 2010*

Fuel Storage Tank - Historic:

Greenhouse Gas Emissions from Large Facilities:

TSSA Historic Incidents:

dioxide equivalents (kt CO2 eq).

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation. Government Publication Date: 1950-Aug 2003*

TSSA Incidents: INC TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Oct 31, 2016

Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Provincial

Provincial

Federal List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Provincial

Federal

Provincial

Provincial

Provincial

FST

FSTH

GEN

HINC

GHG

IAFT

1 IMO
Order No: 20170327039

Canadian Mine Locations:

Mineral Occurrences:

latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database. Government Publication Date: 1998-2009*

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 2016

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,

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

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

Government Publication Date: Dec 31, 2014

Government Publication Date: 1974-1994*

Non-Compliance Reports:

National Defense & Canadian Forces Fuel Tanks:

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Government Publication Date: 2001-Apr 2007* National Energy Board Wells:

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.

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: 1920-Feb 2003*

90

Private

Provincial

NCPL

NDFT

NDSP

NDWD

NEBW

Federal

Provincial

Federal

Federal The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available,

Federal

MINF

MNR

National Environmental Emergencies System (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:

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:

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: 1993-2014

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.

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

Government Publication Date: 1988-Jan 2017

Ontario Oil and Gas Wells:

Oil and Gas Wells:

geology/stratigraphy table information, plus all water table information is also provide for each well record. Government Publication Date: 1800-Oct 2016

Inventory of PCB Storage Sites: 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:

91

conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures. Government Publication Date: 1994-Jan 2017

Canadian Pulp and Paper:

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.

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

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

Parks Canada Fuel Storage Tanks:

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

NPRI

OGW

OOGW

ORD

PAP

PCFT

Provincial

Provincial 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

Private

Federal

Federal

NFFS

NPCB

Federal

Federal

Private

Provincial

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

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents:

transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Oct 31, 2016

National Energy Board Pipeline Incidents:

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction. Government Publication Date: 2008 - Dec 2016

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

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

Private and Retail Fuel Storage Tanks:

Safety Authority (TSSA). Government Publication Date: 1989-1996*

Permit to Take Water:

take water. Government Publication Date: 1994-Jan 2017

Ontario Regulation 347 Waste Receivers Summary: 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: 1986-2013

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.

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

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-Dec 2016

Retail Fuel Storage Tanks:

Record of Site Condition:

or propane storage tanks. Government Publication Date: Oct 31, 2016

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*

Scott's Manufacturing Directory:

92

Provincial

Federal PIPELINE INCIDENTS

Provincial

Provincial

Provincial

Provincial

Private

Private

Provincial

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe

PES

PINC

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage

RFC

RSC

RST

SCT

PTTW

PRT

Order No: 20170327039

Ontario Spills:

sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Wastewater Discharger Registration Database:

Government Publication Date: 1988-Dec 2016

Government Publication Date: 1915-1953*

Government Publication Date: 1990-2014

Anderson's Storage Tanks:

for research purposes only.

Transport Canada Fuel Storage Tanks:

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-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks:

removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Oct 31, 2016

Waste Disposal Sites - MOE CA Inventory:

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.

of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles

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

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

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

all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1970-Nov 2016

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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:

93

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

Government Publication Date: Jun 30, 2016

Provincial SPI This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature

Provincial Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the

Private

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,

Provincial The TSSA, under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If

Provincial

Provincial

Provincial



WWIS

SRDS

TANK

VAR

WDS

WDSH

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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.



Amber Brooks

From:	Public Information Services < publicinformationservices@tssa.org>
Sent:	March 28, 2017 9:28 AM
То:	Amber Brooks
Subject:	RE: Registered Fuel Storage Tanks - 12290 Hurontario St. Caledon, ON

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (<u>publicinformationservices@tssa.org</u>) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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.



From: Amber Brooks [mailto:abrooks@terraprobe.ca]
Sent: Monday, March 27, 2017 12:25 PM
To: Public Information Services publicinformationservices@tssa.org

Subject: Registered Fuel Storage Tanks - 12290 Hurontario St. Caledon, ON

Dear Sir/Madame,

To aid in our Environmental Assessment could you perform a search for registered fuel storage tanks on the following property:

12290 Hurontario Street, Caledon, ON

Please let me know if you need any other information or if there will be a fee for this search.

Thanks,

Amber Brooks, B.Sc. Environmental Scientist

Terraprobe Inc.

903 Barton Street, Unit 22 Stoney Creek, ON L8E 5P5 Ph: (905) 643-7560 Fx: (905) 643-7559 <u>abrooks@terraprobe.ca</u>

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AERIAL PHOTOGRAPHS, HISTORIC MAPS **APPENDIX G** Terraprobe Inc.











TOPOGRAPHIC MAP AND GEOLOGICAL MAPPING APPENDIX H Terraprobe Inc.



Ontario Base Mapping (OBM) Data

Spot Height (metre) **Transportation Structure** Contour Line Wooded Area **Building Point** Utility Line Pit or Quarry **Conservation Authority** Towers Water Structure Waterbody **Conservation Area** Utility Site Point Drainage Line Feature Wetlands **Municipal Park** Misc. Line **River or Stream** Concession **Provincial Park** Railroads Airports Lots National Park Tanks Municipalitiy Nature Reserve Roads Trail Building to Scale Land Ownership _

Order No. 20170327039





Surface Geology Report

Surface Geology units found within 2000 m of Part Lot 19, Concession 1, Caledon, ON

Page 1 Order ID: 20170327039



ID: 99175 | Unit Name: Halton Till |

Deposit Type Code: 8 | Deposit Age: Wisconsinan | Map Number: m2275 | Map Name: Bolton | Source Map Scale: 1:63 360 | Primary Material: diamicton | Primary Material Modifier: clayey silt to sandy silt | Secondary Material: | Primary General: glacial | Primary General Modifier: | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: Port Huron | Stratus Modifier: Surface | Provenance: Ontario | Carbon Content: medium | Formation: Halton Till | Permeability: Low | Material Description: Brown loam to silt loam till

ID: 100040 | Unit Name: Modern Alluvium |

Deposit Type Code: 17 | Deposit Age: Recent | Map Number: m2275 | Map Name: Bolton | Source Map Scale: 1:63 360 | Primary Material: silt, sand, gravel | Primary Material Modifier: organic-bearing | Secondary Material: | Primary General: fluvial | Primary General Modifier: | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Silt, sand, gravel

ID: 100396 | Unit Name: Modern Alluvium |

Deposit Type Code: 17 | Deposit Age: Recent | Map Number: m2275 | Map Name: Bolton | Source Map Scale: 1:63 360 | Primary Material: silt, sand, gravel | Primary Material Modifier: organic-bearing | Secondary Material: | Primary General: fluvial | Primary General Modifier: | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Silt, sand, gravel

ID: 100425 | Unit Name: Halton Till |

Deposit Type Code: 8 | Deposit Age: Wisconsinan | Map Number: m2275 | Map Name: Bolton | Source Map Scale: 1:63 360 | Primary Material: diamicton | Primary Material Modifier: clayey silt to sandy silt | Secondary Material: | Primary General: glacial | Primary General Modifier: | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: Port Huron | Stratus Modifier: Surface | Provenance: Ontario | Carbon Content: medium | Formation: Halton Till | Permeability: Low | Material Description: Brown loam to silt loam till

ID: 100502 | Unit Name: Modern Alluvium |

Deposit Type Code: 16 | Deposit Age: Recent | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: clay, silt, sand, gravel | Primary Material Modifier: organic-bearing | Secondary Material: | Primary General: fluvial | Primary General Modifier: modern floodplain | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Undifferentiated Gravel, Sand, Silt, Clay, Muck



Surface Geology Report

Surface Geology units found within 2000 m of Part Lot 19, Concession 1, Caledon, ON

Page 2 Order ID: 20170327039



ID: 100503 | Unit Name: Halton Till |

Deposit Type Code: 5 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: diamicton | Primary Material Modifier: clayey silt to silt | Secondary Material: | Primary General: glacial | Primary General Modifier: | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: Port Huron | Stratus Modifier: Surface | Provenance: Ontario | Carbon Content: medium | Formation: Halton Till | Permeability: Low | Material Description: Red To Brown Gritty Silt To Clayey Silt Till

ID: 100548 | Unit Name: Halton Till |

Deposit Type Code: 5 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: diamicton | Primary Material Modifier: clayey silt to silt | Secondary Material: | Primary General: glacial | Primary General Modifier: | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: Port Huron | Stratus Modifier: Surface | Provenance: Ontario | Carbon Content: medium | Formation: Halton Till | Permeability: Low | Material Description: Red To Brown Gritty Silt To Clayey Silt Till

ID: 100549 | Unit Name: Modern Alluvium |

Deposit Type Code: 16 | Deposit Age: Recent | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: clay, silt, sand, gravel | Primary Material Modifier: organic-bearing | Secondary Material: | Primary General: fluvial | Primary General Modifier: modern floodplain | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Undifferentiated Gravel, Sand, Silt, Clay, Muck

ID: 100598 | Unit Name: Halton Till |

Deposit Type Code: 5 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: diamicton | Primary Material Modifier: clayey silt to silt | Secondary Material: | Primary General: glacial | Primary General Modifier: | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: Port Huron | Stratus Modifier: Surface | Provenance: Ontario | Carbon Content: medium | Formation: Halton Till | Permeability: Low | Material Description: Red To Brown Gritty Silt To Clayey Silt Till

ID: 100615 | Unit Name: Halton Till |

Deposit Type Code: 5 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: diamicton | Primary Material Modifier: clayey silt to silt | Secondary Material: | Primary General: glacial | Primary General Modifier: | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: Port Huron | Stratus Modifier: Surface | Provenance: Ontario | Carbon Content: medium | Formation: Halton Till | Permeability: Low | Material Description: Red To Brown Gritty Silt To Clayey Silt Till



Surface Geology Report Surface Geology units found within 2000 m of

Part Lot 19, Concession 1, Caledon, ON

Page 3 Order ID: 20170327039



ID: 100691 | Unit Name: Organic Deposits |

Deposit Type Code: 15 | Deposit Age: Recent | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: organic deposits | Primary Material Modifier: | Secondary Material: | Primary General: wetland | Primary General Modifier: | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: High | Material Description: Peat, Muck

ID: 100696 | Unit Name: Glaciolacustrine Deposits |

Deposit Type Code: 10 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: clay, silt | Primary Material Modifier: | Secondary Material: diamicton | Primary General: glaciolacustrine | Primary General Modifier: foreshore/basinal | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Low | Material Description: Massive To Laminated Silt And Clay, May Contain Poorly Sorted Diamicton Layers

ID: 100898 | Unit Name: Glaciolacustrine Deposits |

Deposit Type Code: 10 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: clay, silt | Primary Material Modifier: | Secondary Material: diamicton | Primary General: glaciolacustrine | Primary General Modifier: foreshore/basinal | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Low | Material Description: Massive To Laminated Silt And Clay, May Contain Poorly Sorted Diamicton Layers

ID: 101015 | Unit Name: Glaciolacustrine Deposits |

Deposit Type Code: 10 | Deposit Age: Late Wisconsinan | Map Number: p3171 | Map Name: Brampton | Source Map Scale: 1:50 000 | Primary Material: clay, silt | Primary Material Modifier: | Secondary Material: diamicton | Primary General: glaciolacustrine | Primary General Modifier: foreshore/basinal | Veneer: | Episode: Wisconsin | Sub Episode: Michigan | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Low | Material Description: Massive To Laminated Silt And Clay, May Contain Poorly Sorted Diamicton Layers



ID - ID applied to the Unit

Unit Name - Name of deposit

Surface Geology Report Metadata Ontario Geological Survey 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised. ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



Deposit Type Code - The geological unit number taken from the original map legend.
Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.
Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.
Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'
Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'
Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.
Primary Material Modifier- This attribute provides the user with a more refined description of the lithological classification of the primary material.
Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.
Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.
Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.



Bedrock Geology of Ontario

+	Spot Height	Bedrock Geology Lines	Dikes	Marathon, Kapuskasing or Biscotasing mafic dike	C Lines
	- Roads	CONTACT, GEOPHYSICAL, TREND, INTERPRETED	Abitibi mafic dike	Matachewan mafic dike	FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
	Nodus	CONTACT, SHARP, TREND, INTERPRETED	 Biscotasing mafic dike 	Mine Centre mafic dike	FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION
	Contour Lines	CONTACT, SHARP, TREND, OBSERVED	Empey Lake mafic dike	Molson mafic dike	FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION
	Streams	FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Felsic to intermediate intrusive rocks	North Channel mafic dike	FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
		FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION	— Fort Frances mafic dike	Pickle Crow mafic dike (Molson swarm) normal	FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
\rightarrow	Railroads	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Frontenac mafic dike	Pickle Crow mafic dike (Molson swarm) reverse	FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
6.7	Lots	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Grenville mafic dike	Rideau mafic dike	FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION
		FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION	Logan and Nipigon mafic sills	Sudbury mafic dike	Kimberlite
٢IJ	Pit or Quarry	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION	Mackenzie mafic dike	Ultramafic, gabbroic and granophyric intrusions	Kinbenite
	Airports	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Mafic dikes of uncertain age	Unsubdivided mafic dike	
		FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Mafic sills and dikes	 Unsubdivided mafic dike (Keweenawan age) 	
	Waterbody	NEATLINE	Marathon mafic dike	unknown	
<u> </u>	Wetlands	ONTARIO BORDER			
		Marble, chert, iron formation, minor metavolcanic rocks			

Order No. 20170327039



Bedrock Geology Report

Bedrock Geology units found within 2000 m of Part Lot 19, Concession 1, Caledon, ON Page 1 Order ID: 20170327039



ID: 13248 | Unit Name: |

Type (All): 55a | Type (Primary): 55a | Type (Secondary): | Type (Tertiary): | Rock Type (Primary): Shale, limestone, dolostone, siltstone | Stratus (Primary): Queenston Formation | Super Eon (Primary): | Eon (Primary): PHANEROZOIC (Present to 542.0 Ma) | Era (Primary): PALEOZOIC (251.0 Ma to 542.0 Ma) | Period (Primary): ORDOVICIAN (443.7 Ma to 488.3 Ma) | Epoch (Primary): UPPER ORDOVICIAN | Province (Primary):



Bedrock Geology Report Metadata Ontario Geological Survey 2011, 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1



ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - Unit ID Unit Name - Generalized geological unit classification

Type (AII) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

Supergroup (two or more groups and lone formations) Group (two or more formations) Formation (primary unit of lithostratigraphy) Member (named lithologic subdivision of a formation) Bed (named distinctive layer in a member or formation)

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

PRECAMBRIAN (0.542 Ga to <3.85 Ga)

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

ARCHEAN (2.5 Ga to <3.85 Ga) PROTEROZOIC (0.542 Ga to 2.50 Ga) PHANEROZOIC (Present to 542.0 Ma)

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

MESOARCHEAN (2.8 Ga to 3.2 Ga) MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga) MESOZOIC (65.5 Ma to 251.0 Ma)

MESOPROTEROZOIC (1.0 Ga to 1.6 Ga) NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)NEOARCHEAN (2.5 Ga to 2.8 Ga)NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)PALEOZOIC (251.0 Ma to 542.0 Ma)

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

CAMBRIAN (488.3 Ma to 542.0 Ma) ORDOVICIAN (443.7 Ma to 488.3 Ma) SILURIAN (416.0 Ma to 443.7 Ma) DEVONIAN (359.2 Ma to 416.0 Ma) MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma) JURASSIC (145.5 Ma to 199.6 Ma) CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

LOWER ORDOVICIAN	UPPER SILURIAN
MIDDLE ORDOVICIAN	LOWER DEVONIAN
UPPER ORDOVICIAN	MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN	UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN	LOWER CRETACEOUS AND MIDDLE JURASSIC

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

SUPERIOR SOUTHERN SUPERTOR GRENVILLE



UNM 1.72 59 3832 E HUROSERIKE 8435 The Ontario Water Reso Eley. 49 0.855 WATER WEI	LL RECO		Sauce.	ON COUSY
Basin 29 County or District Peel	Fownship, Village, To Date completed	own or City 16	-Albion Nov. 1	96 <u>3</u>
			n, Ont.	
Casing and Screen Record		Pumpin		
Levide diameter of casing 6.5/8"	Static level	65'		
Total length of casing 129'	Test-pumping ra	te		G.P.M.
Type of screen None	Pumping level	125'		
Length of screen			23 Hrs.	
Depth to top of screen	Water clear or cle	oudy at end o	f test Clear	
Diameter of finished hole 6 5/8"	Recommended p	oumping rate	3불	G.P.M.
Diameter of finished note and a 2.	with pump settir	ng of 128	feet below	w ground surface
Well Log				Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Black Soil	•0	3	130'	Fresh
Brown Clay	<u> </u>	<u>21</u> 104		
Blue Clay Silt	104	125		
		130		
Red Shale Blue Shale	125 130	160		
For what purpose(s) is the water to be used? Farm Is well on upland, in valley, or on hillside? Upland Drilling or Boring Firm Peter Spatuck	In diagra road and	am below sho	n of Well we distances of we ndicate north by N: 1	Il from arrow. E ,
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Address R.R.3 Malton, Ont.		. 20	NH 0	
Licence Number 999		T 18	95 H	
Name of Driller or Borer		17 SIDER	.	ann an Anna an Anna an Anna an
Address	2011	17 572		
Date Nov. 26/63			an Anna	
(Signature of Licensed Drilling or Boring Contractor)			5.	6) -
Form 7 15M-60-4138				N.P.
OWRC COPY			U53.5	ن <i>۲۵</i>





Agricultural feild, looking southwest



Southeast end of Property, looking north along Property boundary fence



East side of Property in area of former farm buildings



Southwest corner of Property, looking east along south Property boundary



Stream on south portion of Property, draining to the south



Area of standing water at south end of Property



Marsh area at northwest corner of Property



Three monitoring wells at northwest corner of Property



Scarp metal pile at southwest corner of Property



Two monitoring wells at southwest corner of Property



Area of former residence



Scrap pile/debris located at west end of former farm, on east side of Property



TABLE OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

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

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)
1.1.5	Agricultural portion of Property and backfill in basement of former residence.	#30 - Importation of Fill Material of Unknown Quality	On-Site	OCs CN- metals	Soil, Ground Water
APEC 2: historical use of pesticides on the Property	Agricultural portion of Property	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications	On-Site	OCs As, Sb, Se CN- metals	Soil, Ground Water
	Area of former residence; heating oil tank previously reported in basement and house fire	#28 - Gasoline and Associated Products Storage in Fixed Tanks other - house fire	On-Site	Metals, PAHs, PHCs	Soil, Ground Water

Notes:

1 - Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present,

as determined through the phase one environmental site assessment, including through,

(a) identification of past or present uses on, in or under the phase one property, and

(b) identification of potentially contaminating activity.

2 - Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a

phase one study area

3 - when completing this column, identify all contaminants of potential concern using the Method Groups as identified in the

Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

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

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



PHASE ONE CONCEPTUAL SITE MODEL PART LOT 19, CONCESSION 1, CALEDON, ON

Phase One CSM		Information Pertaining to Property				
Figures of	Figures of the Phase One Study Area are provided that:					
i.	Show any existing buildings and structures	There are no existing buildings or structures located on the Property				
ii.	Identify and locate water bodies located in whole or in part on the Phase One Study Area	1983 Ontario Base Map identified a stream entering the property on the southeast property line. All water bodies on the Phase One Property and in the Phase One				
		Study Area are shown on Figure 1.				
iii.	Identify and locate any Areas of Natural Significance located in whole or in part on the Phase One Study Area	Terraprobe reviewed the Ontario Ministry of Natural Resources and Forestry NHIC database for natural area listings. No Areas of Natural Significance were located in the Phase One Study Area.				
iv.	Locate any drinking water wells at the Phase One Property	No drinking water wells are located at the Phase One Property. All other wells identified on the Phase One Property are shown on Figure 2.				
v.	Show roads, including names, within the Phase One Study Area	The Property is located on the west side of Hutchinson Farm Lane, southwest of Hurontario Street (Highway 10). Other roads and properties within the Study Area are presented on Figure 4.				
vi.	Show use of properties adjacent to the Phase One Property	The Land Uses of the adjacent properties are shown on Figure 4.				
vii.	Identify and locate areas where any potentially contaminating activity has occurred, and show tanks in such areas	Potentially Contaminating Activities (PCAs) located on the Property and within the Study Area are shown on Figure 5.				
viii.	Identify and locate any areas of potential environmental concern	Two Areas of Potential Environmental Concern (APEC) and associated Contaminants of Potential Concern are described on the Table of Areas of Potential Environmental Concern.				
		The location of the APECs on the Phase One Property are shown on Figure 6.				
The follow	The following is a description and assessment of:					
i.	Any areas where potentially contaminating activity on or potentially affecting the Phase I Property has occurred,	 Phase One Property Entire Property #40 – Pesticides (including Herbicides, fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications. #30 - Importation of Fill Material of Unknown Quality #28 - Gasoline and Associated Products Storage in Fixed Tanks Other – House fire on Property 				



Phase One CSM		Information Pertaining to Property		
ii.	Any contaminants of potential concern	Contaminants of Potential Concern (CoPCs) identified the Property include: Metals in soil As, Sb, Se in soil CN- in soil OC Pesticides in soil PAHs PHCs		
iii.	The potential for underground utilities, if any present, to affect contaminant distribution and transport,	A catch basin was located on the south central property line; however, there is no evidence of the sewer line running through the property as there are no other catch basins located on the Property. There was no evidence of other utilities entering the site.		
iv.	Available regional or site specific geological and hydrogeological information,	 Topography The approximate elevation of the Property is 260 masl. Hydrogeology The nearest water body is Etobicoke Creek, located approximately 700 metres east of the Property. The approximate depth to ground water identified in the Water Well Records in the local area ranged from 12 to 18 metres below ground surface. Ground water is expected to flow in an east/southeasterly direction, toward Etobicoke Creek. Geology (overburden) The near surface soil at and in the vicinity of the Property generally consists of Pleistocene age, Late Wisconsinan Halton Till. Halton Till consists of red to brown, gritty to clayey silt till. The crest of a small moraine was indicated running in a northeast/southwest trending direction across the northern portion of the Property. Geology (bedrock) The bedrock under the Property is the Queenston Formation, which is comprised of Ordovician age red shale. Geology (depth to bedrock) Based upon historic borehole information from the MOECC well records online database, the depth to bedrock in the area of the Property is approximately 40 m. 		
v.	How any uncertainty or absence of information obtained in each of the components of the Phase I ESA could affect the validity of the model.	No uncertainty was encountered while conducting the Phase One ESA that could affect the validity of the model.		

Figures: Figure 1 – Phase One Property Location Figure 2 – Phase One Property Figure 3 – Phase One Study Area

Figure 4 – Adjacent Property Land Uses Figure 5 – PCA Locations Figure 6 – APEC Locations

