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PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
NORTHEAST CORNER OF
HEART LAKE ROAD AND
MAYFIELD ROAD,
CALEDON, ONTARIO

COSCORP INC.

PROJECT NO.: 181-12470-00
DATE: SEPTEMBER 2018

WSP
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September 21, 2018

Mr. Tom Baskerville
Coscorp Inc.
6625 Kitimat Road, Suite 58
Mississauga, Ontario
L5N 6J1

Dear Sir:

Subject: Phase One Environmental Site Assessment
Northeast corner of Heart Lake Road and Mayfield Road, Caledon, Ontario
Project No.: 181-12470-00

WSP is pleased to present our Phase One Environmental Site Assessment report for the above-noted property. The scope of this Phase One Environmental Site Assessment conforms to the requirements outlined in Ontario Regulation 153/04. This Phase One Environmental Site Assessment does not include sampling or testing, and is based solely on visual observations and a review of available or supplied factual data.

The report provides site information from site reconnaissance, records reviews, interviews, and our conclusions for your consideration.

Thank you for the opportunity to be of service on this project. We trust that this report will be satisfactory for your current needs. If you have any questions or require further information, please contact our office at your convenience.

Yours truly,

Michael Wilson, C.E.T.
Project Manager

WSP ref.: 181-12470-00

SIGNATURES

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Michael Wilson, C.E.T.
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ACRONYMS AND ABBREVIATIONS

ACM	asbestos containing material
ABNs	acid-base neutralizing compounds
APEC	area(s) of potential environmental concern as defined in O.Reg. 153/04, “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”
As	arsenic
AST	above ground storage tank
B-HWS	boron (hot water soluble)
BTEX	benzene, toluene, ethylbenzene, and xylenes
Cl-	chlorine
CN-	cyanide
Cr (VI)	hexavalent chromium
CSM	conceptual site model
EC	electrical conductivity
ECA	Environmental Compliance Approval
ERIS	Environmental Risk Information Services
ESA	environmental site assessment
FIP	fire insurance plan
FOI	freedom of information
ha	hectare(s)
Hg	mercury
km	kilometre(s)
L	litre(s)
LCM	lead containing material
m	metre(s)
masl	metres above sea level
mbgs	metres below ground surface
MNDM	Ministry of Northern Development and Mines
MNRF	Ministry of Natural Resources and Forestry
MECP	Ministry of the Environment, Conservation and Parks
NPRI	National Pollutant Release Inventory
N/S	not specified in Table 2, Schedule D, of O.Reg. 153/04

Na	sodium
O.Reg. 153/04	Ontario Regulation 153/04, as amended
O.Reg. 347	Ontario Regulation 347, as amended
ODS	ozone depleting substances
ORPs	other regulated parameters
PAH	polycyclic aromatic hydrocarbon
PCA	potentially contaminating activity as defined in O.Reg. 153/04, “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”
PCB	polychlorinated biphenyl
PCOC	potential contaminant(s) of concern
PHC	petroleum hydrocarbon
PIN	property identification number
QA	quality assurance
QC	quality control
QPESA	Qualified Person for ESAs according to MECP (O.Reg. 153/04)
RA	risk assessment
RSC	Record of Site Condition
SAR	sodium adsorption ratio
Sb	antimony
SCS	Site Condition Standard
Se	selenium
THM	trihalomethane
TSSA	Technical Standards and Safety Authority
UFFI	urea formaldehyde foam insulation
UST	underground storage tank
VOC	volatile organic compounds

1 EXECUTIVE SUMMARY

WSP was retained by Coscorp Inc. to conduct a Phase One ESA at the Northeast corner of Heart Lake Road and Mayfield Road in Caledon, Ontario. It is our understanding that this Phase One ESA was undertaken to identify the presence or absence of PCAs on the Phase One Property or within the Phase One Study Area (defined as the area within 250 m of the Site) and any associated APECs. From these findings, this report will provide an assessment the requirements for additional investigation in the form of a Phase Two ESA for due diligence purposes. It is our understanding that a Record of Site Condition (RSC) is not required at this time.

The scope of this Phase One ESA conforms to the requirements outlined in Ontario Regulation (O. Reg.) 153/04. The objectives of the Phase One ESA were to identify the likelihood of the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property or within the Phase One Study Area, identify the areas of potential environmental concern (APECs) and potential contaminants of concern (PCOCs) from the PCAs, and based on this information assess the requirements for additional investigation in the form of a Phase Two ESA. This Phase One ESA does not include sampling or testing, and is based solely on visual observations and a review of available or supplied factual data.

The Site is located on the east side of Heart Lake Road, at the northeast corner of Mayfield Road in a mixed residential and agricultural area in the Town of Caledon, Ontario. The location of the Site is provided on Figure 1. The Phase One Property is currently utilized for agricultural purposes, with a total area of approximately 6.353 hectares (15.7 acres).

Based on the Phase One ESA, WSP presents the following findings:

- The Phase One Property is relatively flat with an elevation of approximately 260 to 265 masl which appears to be at a higher elevation than the adjoining roadways. The topography in the vicinity of the Phase One Property slopes to the southeast. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the south to southeast towards several wetlands and Heart Lake located approximately 1.2 km south of the Phase One Property. The groundwater flow direction on the Phase One Property can only be confirmed through long-term groundwater monitoring.
- The Site is situated within a drumlized till plain physiographic region. The surficial geology in the vicinity of the Site is described as “clay to silt textured till (derived from glaciolacustrine deposits or shale”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. The bedrock in the vicinity of the Site is anticipated at depths greater than 45 mbgs, based on the available MECP well records.
- The Phase One Property is an has been utilized for agricultural use as depicted in the 1954 aerial photograph and as a result, pesticides may have been applied over the years.
- The Phase One property appears to be at a higher elevation than the adjoining roadways and as a result, fill material may be present on site.

Based on the information obtained as part of the Phase One ESA, it is concluded that PCAs on the Site and/or within the Phase One Study Area resulted in the identification APECs on the Phase One Property. Based on the APECs identified during this investigation, associated PCOCs include metals and other regulated parameters (ORPs) and organochloride pesticides. The table of APECs presented in the form as approved by the Director is provided below:

Table 1.1 Summary of APECs

AREA OF POTENTIAL ENVIRONMENTAL CONCERN	LOCATION OF POTENTIAL ENVIRONMENTAL CONCERN ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY	LOCATION OF PCA (ON-SITE OR OFF-SITE)	POTENTIAL CONTAMINANTS OF CONCERN	MEDIA POTENTIALLY IMPACTED (GROUND WATER, SOIL AND/OR SEDIMENT)
APEC-1	Entire Phase One Property	PCA No. 30 Importation of Fill Material of Unknown Quality	On-site	Metals, As, Sb, Se, B-HWS, CN-, Cr (VI), Hg, low or high pH, electrical conductivity, SAR	Soil
APEC-2	Entire Phase One Property	PCA No. 40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	Organochlorine Pesticides	Soil

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

Based on the findings of the Phase One ESA, a Phase Two ESA would be required in order to investigate the identified APECs to further assess the existing soil and groundwater conditions on the Phase One Property.

2 INTRODUCTION

WSP was retained by Coscorp Inc. to conduct a Phase One ESA at the Northeast corner of Heart Lake Road and Mayfield Road in Caledon, Ontario. It is our understanding that this Phase One ESA was undertaken to identify the presence or absence of PCAs on the Phase One Property or within the Phase One Study Area (defined as the area within 250 m of the Site) and any associated APECs. From these findings, this report will provide an assessment the requirements for additional investigation in the form of a Phase Two ESA for due diligence purposes. It is our understanding that a Record of Site Condition (RSC) is not required at this time.

The Site is located on the east side of Heart Lake Road, at the northeast corner of Mayfield Road in a mixed residential and agricultural area in the Town of Caledon, Ontario. The location of the Site is provided on Figure 1. The Phase One Property is currently utilized for agricultural purposes, with a total area of approximately 6.353 ha (15.7 acres).

2.1 PHASE ONE PROPERTY INFORMATION

Property information for the Site is provided in the table below:

Table 2.1 **Property Information**

CRITERION	PHASE ONE PROPERTY INFORMATION
Current Site Owner	Heart Lake Gardens Inc.
Phase One Representative	Mr. Tom Baskerville Coscorp Inc. 6625 Kitimat Road Mississauga, Ontario L5N 6J1 Email: tbaskerville@coscorp.ca
Municipal Address	N/A
Property Identification Numbers	PIN #41235-1724
Legal Description	Part Lot 18, Concession 3 EHS (Ching) designated as Part 6, 43R-28374 and Part 18, Plan 43R-28173; Save and Except Part 5, Plan 43-R28374, Part 9, Plan 43-R29837 and Part 1, Plan 43-R30950, Caledon

A survey plan was not available for the Subject Site.

3 SCOPE OF INVESTIGATION

The objective of the assessment was to undertake a Phase One ESA for the Site in accordance with O.Reg. 153/04, including:

- Identify PCAs at the Phase One Property and Phase One Study Area;
- Identify APECs at the Site;
- Determine PCOCs associated with APECs; and,
- Provide a basis for subsequent investigation of the property based on the Phase One ESA findings.

The scope of the assessment included:

- Records Review;
- Interviews and/or Correspondence;
- Site Reconnaissance; and,
- Preparation of a Phase One ESA report.

4 RECORDS REVIEW

Below is a summary of the records review, undertaken by WSP in accordance with O.Reg. 153/04 as part of this Phase One ESA. The records review provides Phase One Property information regarding the physical setting, history of development, and land use in connection with the Site and adjacent properties.

The following information sources were used to obtain these records:

- An ERIS standard report was obtained for the Site and lands within a 250-m radius of the Site. A copy of the ERIS report is provided in Appendix A. Searches of databases not included in the ERIS report were conducted specifically for the Phase One Property, as referenced in the applicable sections below;
- A FOI request was submitted to the MECP requesting a search of environmental records for the Phase One Property. Copies of the request, the response, and any documents obtained through this process are included in Appendix B;
- Information and records were requested from the TSSA. Copies of the request, the response, and any documents obtained through this process are included in Appendix B; and,
- Aerial photographs for the Phase One Property and surrounding Study Area were obtained from ERIS. Copies of the aerial photographs are provided in Appendix C.

Table 4.1 Summary of General Records Review

SOURCE	RECORDS REVIEW RESULTS
i. Phase One Study Area Determination	The Phase One ESA Study Area for this undertaking included properties wholly, or partially, within 250-m of the site boundaries. Properties wholly beyond 250-m of the site boundary were not added to the Study Area due to low potential impact to the environmental condition of the Site. The limits of the Phase One Study Area are presented on Figure 1.
ii. First Developed Use Determination	The first developed land use was determined through a review of the 1878 York County Atlas, aerial photographs, and records review. Based on the 1878 York County Atlas, it appeared that the Phase One Property was historically part of an agricultural lot. A residential dwelling and orchard were shown to the north of the Phase One Property. Properties in the Phase One Study Area appeared to be residential and agricultural. An unknown tributary was shown to the west of the Phase One Property.
iii. Fire Insurance Plans	Fire Insurance Plans were not available for properties located within the Phase One Study Area.
iv. City Directories	City directories were not reviewed as part of this assessment as properties located within the Phase One Study Area were residential.
v. Environmental Reports	No previous environmental reports were provided to WSP at the time of this assessment.

4.1 ENVIRONMENTAL SOURCE INFORMATION

Below is a summary of the environmental records reviewed by WSP as part of this Phase One ESA.

Table 4.2 Summary of Environmental Records

SOURCE	RECORDS OF REVIEW RESULTS
i. Environmental Risk Information Services Report (ERIS)	<p>WSP obtained an ERIS Report for the Phase One Property and surrounding Study Area. The ERIS report tabulates the results of a search of provincial, federal, and private source databases which are considered relevant in the identification of potential environmental risks associated with the Site.</p> <p>The ERIS report identified no records for the Phase One Property, and thirty-four (34) records for properties within the Phase One Study Area. These records are summarized in subsequent sections below, along with notable records found within the Study Area.</p> <p>A copy of the full ERIS report is provided as Appendix 1.</p>
ii. National Pollutant Release Inventory	<p>The ERIS report identified several NPRI records for the Phase One Property and/or the Phase One Study Area.</p>
iii. Ministry of the Environment, Conservation and Parks Environment Compliance Approval, Certificate of Approval, Permits to Take Water, and Certificates of Property Use	<p>The ERIS report did not identify any MECP ECA, COA, PTTW, or CPU records for the Phase One Property; however, two (2) records were identified for properties within the Study Area, as summarized below:</p> <ul style="list-style-type: none"> — The Regional Municipality of Peel (Mayfield Road at Heart Lake Road) was approved for municipal and private sewage works in 2008; — The North Brampton Reservoir (4137 Mayfield Road) applied for an amendment to add a re-chlorination facility and expansion of the pumping station to the Lakeview Water Treatment Plant. — The Regional Municipality of Peel (Mayfield Road at Heart Lake Road) was approved for an ECA associated with Municipal Drinking Water Systems in 2009; — The Regional Municipality of Peel applied for an amendment of the storm water management facility to retrofit the constructed wetland in 2017
iv. Inventory of Coal Gasification Plants	<p>The ERIS report did not identify any records of coal gasification plants or coal tar sites in the Phase One Study Area.</p>
v. Records of Environmental Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections	<p>A FOI request was submitted to the MECP, requesting information pertaining to environmental incidents, orders, offences, spills, discharges of contaminants, or inspections for the Phase One Property. A response has not yet been received from the MECP regarding the FOI request and notification will be provided if any records are identified by the MECP file search. A copy of the MECP FOI request form can be found in Appendix B.</p> <p>The ERIS report identified the following records of spills and/or discharge of contaminants pertaining to properties within the Phase One Study Area:</p> <ul style="list-style-type: none"> — The TSSA incident database identified one (1) record for the southwest corner of Mayfield Road and Heart Lake Road. This record pertained to a natural gas

SOURCE

RECORDS OF REVIEW RESULTS

	<p>pipeline strike in 2008 and is not considered to contribute to an environmental concern to the Phase One Property.</p> <ul style="list-style-type: none"> — The Spills database reported silt runoff from a construction site to Heart Lake PSW was reported in 2008. — The Ontario Spills database reported approximately 450L of diesel fuel discharged to the ground as a result of an overturned truck in 1993. <p>Due to distance from the Phase One Property and anticipated direction of groundwater flow, the reported incidents and spills are not anticipated to have impacted the environmental quality of the Site. The diesel spill may have been directed to municipal catchbasins on Mayfield Road and/or Heart Lake Road and is not anticipated to impact the Phase One Property</p>
vi. O.Reg. 347 Waste Generators/Receivers Summary Records	<p>The ERIS report identified no O. Reg. 347 Waste Generator/Receiver Summary Records for the Phase One Property</p> <p>The ERIS report identified thirteen (13) O.Reg. 347 Waste Generator/Receiver Summary Records for one (1) property located within the Phase One Study Area, including;</p> <ul style="list-style-type: none"> — Ontario Clean Water Agency (4137 Mayfield Road) was registered for the generation, use, and/or storage of aliphatic solvents, light fuels, alkaline wastes – other metals and waste oils and lubricants from 1992 to 2017; <p>Due to distance from the Phase One Property, anticipated direction of groundwater flow, and the nature of waste products identified, the remaining properties within the Study Area registered in the 347 Waste Generators/Receivers Records were not anticipated to have impacted the environmental quality of the Site, and are not listed herein. Details pertaining to these additional records can be found in the ERIS report in Appendix A.</p>
vii. MECP Waste Disposal Inventory	<p>The ERIS report did not produce any records pertaining to the Phase One Study Area with regards to large or small scale, active or closed landfill sites.</p>
viii. Records of Fuel Storage	<p>An information request was submitted to the TSSA pertaining to underground and aboveground fuel storage for the Site. A response was received on September 4, 2018 which indicated no records found for the Phase One Property and/or adjacent properties. A copy of TSSA request can be found in Appendix B.</p>
ix. Environmental Registry	<p>The ERIS report did not identify any Environmental Registrations for the Phase One Property.</p>
x. Water Well Information System	<p>The ERIS report did not identify any records on the Phase One Property. Three (3) records were identified within the surrounding Study Area. Based on a review of these records, the stratigraphy in the vicinity of the Site was generally described as clay with sand and gravel layers. Bedrock was not identified in the records, and is therefore anticipated at depths greater than 61 mbgs.</p>
xi. Areas of Natural Significance (life science or earth science)	<p>The Natural Heritage Areas database lists areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands environmentally significant areas, habitats of a threatened or endangered</p>

SOURCE

RECORDS OF REVIEW RESULTS

	<p>species, and wilderness areas. A review of this database listed the Bobolink (bird) as a threatened species within 1 km of the Site.</p> <p>The Bobolink are ground nesting birds and build their nests dense grasses. As the Phase One Property is utilized for agricultural use and areas to the south of the Phase One Property are classified as wetlands, the Bobolink may be located on the Phase One Property and/or within the Phase One Study Area. If required, an environmental specialist could be retained to undertake a site-specific Ecological assessment. At this time further assessment is not warranted.</p> <p>A provincially significant wetland is shown approximately 100 m southeast of the Phase One Property. Areas to the south, north and east are shown as woodlands</p>
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4.2 PHYSICAL SETTING SOURCES

Below is a summary of the physical setting sources reviewed by WSP as part of this Phase One ESA.

Table 4.3 Summary of Physical Setting Sources

SOURCE	RECORDS REVIEW RESULTS
i. Aerial Photographs – National Air Photo Library and Google Earth Satellite Images	<p>Aerial photographs were reviewed as part of this assessment. The first available aerial photograph from 1954 was reviewed in order to determine early land use. Subsequent aerial photographs were obtained for review at approximately ten-year intervals, as available (i.e., 1994, 2004, 2014 and 2017) in order to observe changes to the Phase One Property and surrounding Study Area over time. Significant information depicted from these photographs, where possible, is summarized below, copies of the documents are provided in Appendix C:</p> <p>1954</p> <ul style="list-style-type: none">– The Phase One Property was shown as agricultural land. Mayfield Road and Heart Lake Road were shown constructed in this aerial photo.– Several residential dwellings and farm houses were depicted to the north of the Phase One Property.– Several areas of dense vegetation were shown to the east and northeast of the Phase One Property. <p>1994</p> <ul style="list-style-type: none">– The Phase One Property appeared to be agricultural land on several parcels.– A residential house was shown on the north adjoining property and south of the Phase One Property.– The land to the southwest of the Phase One Property appears to be densely forested. <p>2004</p> <ul style="list-style-type: none">– No visible changes to the Phase One Property were identified when compared to the 1994 aerial photograph.– Disturbed ground was shown to on the south side of Mayfield Road, located south of the Phase One Property. <p>2014</p> <ul style="list-style-type: none">– The Phase One Property appeared to still be used for agricultural purposes.– Mayfield Road had been widened and Highway 410 had been constructed with a ramp encompassing the Phase One Property.– A storm water management pond was shown to the east of the Phase One Property.– A rectangular building structure had been constructed to the south of the Phase One Property. <p>2017</p> <ul style="list-style-type: none">– The Phase One Property is shown with grooming tracks indicating the continued use for agricultural purposes.– No visible changes to the Phase One Study Area were identified when compared to the 2014 aerial photograph.

SOURCE

RECORDS REVIEW RESULTS

ii. Topography, Hydrology, Geology-The Atlas of Canada (Toporama website), OGS Earth website by Ontario Ministry of Northern Development, Mines and Forestry	<p>The Phase One Property is relatively flat with an elevation of approximately 260 to 265 masl which appears to be at a higher elevation than the adjoining roadways. The topography in the vicinity of the Phase One Property slopes to the southeast. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the south to southeast towards several wetlands and Heart Lake located approximately 1.2 km south of the Phase One Property. The groundwater flow direction on the Phase One Property can only be confirmed through long-term groundwater monitoring.</p> <p>The Site is situated within a drumlized till plain physiographic region. The surficial geology in the vicinity of the Site is described as “clay to silt textured till (derived from glaciolacustrine deposits or shale”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. The bedrock in the vicinity of the Site is anticipated at depths greater than 45 mbgs, based on the available MECP well records.</p>
iii. Fill Materials	Based on the records review, fill material is not anticipated on the Phase One Property.
iv. Water Bodies and Areas of Natural Significance	<p>An unknown tributary leading to Heart Lake is shown to the southwest of the Phase One Property.</p> <p>A provincially significant wetland is shown approximately 100 m southeast of the Phase One Property. Areas to the south, north and east are shown as woodlands.</p> <p>No areas of natural significance were identified on the Phase One Property.</p>
v. Well Records	The ERIS report did not identify any records on the Phase One Property. Three (3) records were identified within the surrounding Study Area. The approximate well locations are depicted on Figure 1.

4.3 SITE OPERATING RECORDS

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

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

The Phase One Property is not classified as an enhanced investigation property.

5 INTERVIEWS

Mr. Robert Rukavina, the previous land owner with knowledge of the Site were interviewed as part of this investigation. Details of the interviews are presented in the table below.

Table 5.1 Details of Phase One Interview

REQUIRED INFORMATION	SPECIFICS								
i. Date, place, and method of the interviews and the name of person being interviewed	<table> <tr> <td>Date:</td><td>September 13, 2018</td></tr> <tr> <td>Place:</td><td>N/A</td></tr> <tr> <td>Interview Method:</td><td>Email</td></tr> <tr> <td>Interviewee:</td><td>Mr. Robert Rukavina</td></tr> </table>	Date:	September 13, 2018	Place:	N/A	Interview Method:	Email	Interviewee:	Mr. Robert Rukavina
Date:	September 13, 2018								
Place:	N/A								
Interview Method:	Email								
Interviewee:	Mr. Robert Rukavina								
ii. Reason why the person was identified as an interview subject	Mr. Rukavina is the previous land owner, and is considered knowledgeable about the Site.								
iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	Mr. Rukavina indicated that there is no fuel storage onsite, and is not aware of the application of pesticides.								
Reliability or Validity	<p>It is possible that pesticides have been applied to the Phase One Property in association with farming operations.</p> <p>Other than the use of pesticides, WSP agrees that Mr. Rukavina is a reliable source for valid information about the Site.</p>								

6 SITE RECONNAISSANCE

6.1 WRITTEN DESCRIPTION OF THE INVESTIGATION

The written description of the investigation and reconnaissance are documented throughout Section 6.0 with identified areas of environmental concern further discussed in Section 7.0.

Table 6.1 Site Reconnaissance Investigation Notes

CRITERION	PHASE ONE PROPERTY INFORMATION
i. date and time of the investigation	September 12, 2018 from 10:00AM to 10:30AM
ii. weather conditions	The temperature was approximately 15°C and weather conditions were overcast
iii. whether the facility was operating at the time of the investigation, where the phase one property is an enhanced investigation property that is currently being used for one of the uses described in clause 32 (1) (b) to which subsection 32 (2) does not apply	The Phase One Property consisted of agricultural land utilized for corn crops. Select photographs taken during the Site reconnaissance are provided in Appendix D.
iv. The name and qualifications of the person conducting the investigation	A site reconnaissance was conducted by Mr. Michael Wilson, C.E.T. Mr. Wilson's qualifications are outlined in section 8.4.

6.2 SPECIFIC OBSERVATIONS AT THE PHASE ONE PROPERTY

The following table summarizes the specific site reconnaissance observations.

Table 6.2 Site Reconnaissance Observations

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
General	
i. Subject Site Structures and Improvements including Below-Ground Structures	No structures as present on the Phase One Property.

**IDENTIFIABLE
FEATURES**

SPECIFIC OBSERVATIONS

ii. Underground Storage Tanks	No Underground Storage Tanks were identified on the Phase One Property.
iii. Above Ground Storage Tanks	No Above Ground Storage Tanks were identified on the Phase One Property.
iv. Potable and Non-potable Water Sources	Potable water is supplied by the municipality to the Phase One Property and properties within the Phase One Study Area. There were no potable water wells observed on the Site.
Underground Utilities and Corridors	
i. Underground Utilities and Corridors	It is not likely that underground utilities and corridors exist under the Phase One Property. Underground utilities associated with light standards and overhead hydro was observed on the adjacent properties.
Features and Structures of On-site Buildings	
i. Entry and Exit Points	N/A.
ii. Heating & Cooling Systems	N/A.
iii. Drains, Pits, Sumps	No evidence of drains, pits, and sumps were observed on the Phase One Property during the site reconnaissance.
iv. Unidentified Substances	No evidence of unidentified substances that could have an effect on the environmental conditions at the Site was observed.
Miscellaneous	
i. Wells	No monitoring wells were observed on the Phase One Property.
ii. Sewage Works	The Phase One Property is not likely serviced by municipal storm and sanitary sewers. Storm water catch basins are located on Heart Lake Road and Mayfield Road.
iii. Ground Surface	The ground surface was entirely surface with topsoil and corn crops.
iv. Railway Lines and Spurs	There was no indication of any former or current rail lines or spurs on the Phase One Property.
Exterior Observations	
i. Stained Soil, Vegetation or Pavement	No areas of stained soil, pavement, or vegetation were observed on the Site.
ii. Stressed Vegetation	No evidence of stressed vegetation was observed on the Site.
iii. Areas where fill and debris materials appear to have been placed or graded	No obvious fill materials were observed on the Phase One Property during the site reconnaissance. However, the dense corn crops limited the inspection of the ground surface.
iv. Potentially contaminating activity	No PCAs were observed on the Phase One Property during the site reconnaissance.

IDENTIFIABLE
FEATURES

SPECIFIC OBSERVATIONS

v. Details of unidentified substances found at the property	None observed.
Enhanced Investigation Property	
i. Enhanced Investigation Property	The Phase One Property is not considered an enhanced investigation property.
Additional Potential Environmental Concerns	
i. PCB Materials and Equipment	N/A.
ii. Lead Containing Materials	N/A.
iii. Asbestos Containing Materials	N/A.
iv. Urea Formaldehyde Foam Insulation	N/A.
v. Ozone Depleting Substances	N/A.
vi. Herbicides and Pesticides	At the time of the site reconnaissance, there was no evidence of the use of herbicides and pesticides.
vii. Pits and Lagoons	No pits or lagoons were observed during the site reconnaissance.
viii. Air Emissions	There were no sources of air emissions requiring an ECA observed on-site.

6.3 OBSERVATIONS WITHIN PHASE ONE STUDY AREA

As part of the site reconnaissance, a visual inspection of adjacent properties and properties located within the Phase One Study Area was conducted from the perimeter of the Site and from publicly accessible areas to identify any PCAs. At the time of the site reconnaissance, land use within the Phase One Study Area was a mix of agricultural, residential and community uses, as listed in the table below:

Table 6.3 Phase One Study Area Reconnaissance Observations

IDENTIFIABLE
FEATURES

SPECIFIC OBSERVATIONS

i. Adjacent Land Uses	<p>Adjacent land uses at the time of the site reconnaissance are illustrated on Figure 1.</p> <p><u>North:</u> Residential house, followed by Highway 410</p> <p><u>South:</u> Mayfield Road, followed by residential houses</p> <p><u>East:</u> Highway 410 overpass, followed by storm water management pond</p>
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IDENTIFIABLE
FEATURES

SPECIFIC OBSERVATIONS

	<u>West:</u> Heart Lake Road, followed by vacant land (active construction site)
ii. Water Bodies	No waterbodies were observed on the Phase One Property.
iii. Areas of Natural Significance	No areas of natural significance were observed during the site reconnaissance.
iv. Potentially Contaminating Activity	No PCAs located within the Phase One Study Area were observed during the site reconnaissance.

7 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The table of current and past uses of the Phase One Property, presented in the form as approved by the Director, is provided as Table 1, attached. The date and name of the owners is unknown other than the current land owner as a Chain of Title was not completed for the Phase One Property.

7.2 POTENTIALLY CONTAMINATING ACTIVITY

PCAs on the Phase One Property or within the Phase One Study Area are summarized in the form as approved by the Director in Table 2, attached.

All PCAs including the number and location (if known) of USTs are illustrated on the Phase One CSM provided as Figures 1 and 2, attached.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Based on a review of the PCAs summarized in Table 2, APECs were identified on the Site. The table of APECs presented in the form as approved by the Director is provided as Table 3. The table was prepared in accordance with clause 16(2) (a), Schedule D, O.Reg. 153/04.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

Through analysis and interpretation of available information gathered during the Phase One ESA, a CSM was developed for the Phase One Property

Phase One CSM figures for the Site are presented as Figures 1 and 2. The figures present the following information for the Phase One Property and Phase One Study Area:

- Any existing buildings and structures
- Water bodies located in whole, or in part, on the Phase One Study Area
- Areas of natural significance located in whole, or in part, on the Phase One Study Area
- Water wells at the Phase One Property or within the Phase One Study Area
- Roads, including names, within the Phase One Study Area
- Uses of properties adjacent to the Phase One Property
- Areas where any PCAs have occurred, including location of any tanks
- APECs, as identified in Section 7.3
- Further, narrative descriptions and assessments the following aspects of the CSM are presented in the table below:

Table 7.1 CSM Summary

CRITERIA	DISCUSSION
i. Any areas where potentially contaminating activities on, or potentially affecting, the Phase One Property have occurred	<p>Table 2 provides a summary and assessment of the identified PCAs within the Phase One Study Area and at the Phase One Property, including which PCAs were determined to be contributing to an APEC at the Phase One Property.</p> <p>Potentially contaminating activities identified within the Phase One Study Area and on the Phase One Property are shown on Figures 1 and 2. PCAs determined to be contributing to an APEC on the Site are shown in red, and PCAs which are considered not to be contributing to an APEC are shown in black. The resulting APECs are illustrated on Figure 2.</p>
ii. Any contaminants of potential concern	<p>Table 3 provides a summary of the APECs on the Phase One Property, identifying the PCAs considered to be contributing to the on-site APECs and indicates their location at the Phase One Property, the associated contaminants of potential concern, and the medium that is potentially affected.</p> <p>Figure 2 of the Phase One CSM, shows the location of the identified APECs.</p>
iii. The potential for underground utilities, if any present, to affect contaminant distribution and transport	<p>It is not likely that underground utilities and corridors exist under the Phase One Property. Underground utilities associated with light standards and overhead hydro was observed on the adjacent properties.</p>
iv. Available regional or site specific geological and hydrogeological information	<p>The Phase One Property is relatively flat with an elevation of approximately 260 to 265 masl which appears to be at a higher elevation than the adjoining roadways. The topography in the vicinity of the Phase One Property slopes to the southeast. Based on the local topography, the inferred shallow groundwater flow direction of the Phase One Study Area is to the south to southeast towards several wetlands and Heart Lake located approximately 1.2 km south of the Phase One Property. The groundwater flow direction on the Phase One Property can only be confirmed through long-term groundwater monitoring.</p> <p>The Site is situated within a drumlized till plain physiographic region. The surficial geology in the vicinity of the Site is described as “clay to silt textured till (derived from glaciolacustrine deposits or shale”. The underlying bedrock within the area generally consists of shale, limestone, dolostone, and siltstone of the Queenston Formation. The bedrock in the vicinity of the Site is anticipated at depths greater than 45 mbgs, based on the available MECP well records.</p>
v. How any uncertainty or absence of information obtained in each of the components of the phase one environmental site assessment could affect the validity of the model	<p>During the records review, WSP relied on information obtained from municipal, provincial, and independent sources as referenced in this report. Although the information was assessed for consistency, verification of the accuracy or the completeness of this third-party information was not completed.</p> <p>WSP made all reasonable inquiries to obtain accessible information for this assessment as required by O.Reg. 153/04 Schedule D Table 1: Mandatory Requirements for Phase One ESA Reports. All responses to information</p>

CRITERIA

DISCUSSION

	requests were received prior to completion on this report, except for the MECP FOI. If MECP records indicate data which pose significant environmental concerns into Phase One Property and change the findings of this assessment, an addendum will be provided to the Client. The evaluation provided in this report reflects our best judgement in light of the information available at the time of the report preparation.
--	---

8 CONCLUSIONS

A Phase One ESA was conducted for the property located at the Northeast corner of Heart Lake Road and Mayfield Road in Caledon, Ontario. It is understood that this Phase One ESA will be used to support the proposed redevelopment of the Site for a high-rise condominium, including a proposed conveyance of the north portion of the Site for a road right-of-way.

The scope of this Phase One ESA conforms to the requirements outlined in O.Reg. 153/04. The objectives of the Phase One ESA were to identify the likelihood of the presence or absence of PCAs on the Phase One Property or within the Phase One Study Area, and to identify the APECs and PCOCs from these PCAs. The results of the Phase One ESA are documented in this report and reflect site conditions observed at the time of the site reconnaissance.

Based on the information obtained as part of the Phase One ESA, it is concluded that PCAs on the Site and/or within the Phase One Study Area resulted in the identification APECs on the Phase One Property. Based on the APECs identified during this investigation, associated PCOCs include metals and ORPs and Organochloride Pesticides. The table of APECs presented in the form as approved by the Director is provided in Table 3, attached.

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

8.1 WHETHER PHASE TWO ENVIRONMENTAL SITE ASSESSMENT REQUIRED BEFORE RECORD OF SITE CONDITION SUBMITTED

Based on the findings of the Phase One ESA, current and historical PCA which could adversely affect environmental condition of the Site were identified; therefore, a Phase Two ESA would be required to characterize soil and groundwater quality prior to filing a RSC.

8.2 RECORD OF SITE CONDITION BASED ON PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE

Based on the findings of the Phase One ESA alone, a RSC cannot be filed.

8.3 QUALIFIER

This assignment is limited to a data assessment, site inspection, and preliminary analysis of potential areas of contamination. During this assessment, WSP has relied on information obtained from sources as referenced in this report. Verification of the accuracy or completeness of this third-party information was not completed.

Site characterization was limited to the direct observation of visible and accessible locations. Subsurface investigations, sampling, and laboratory analyses were not completed as part of this assessment.

This Phase One ESA is prepared for Coscorp Inc. solely for their exclusive use in the evaluation of the property at the northeast corner of Heart Lake Road and Mayfield Road in Caledon, Ontario. It is understood that site conditions, environmental or otherwise, are not static and that this report documents site conditions at the time of the assessment.

The conclusions provided in this report reflect our best judgment in light of the information available at the time of report preparation. Any use, which a third party makes of this report, or any reliance on or any decisions to be made based on it, is the responsibility of such third parties. WSP accepts no responsibility for damages, if any, suffered by any third party

because of decisions made or actions based on this report. If site conditions are observed to be different from those reported, please contact us.

8.4 QUALIFICATIONS OF THE ASSESSORS

This report was prepared by Mr. Michael Wilson, C.E.T., who is currently an Environmental Project Manager in the Toronto, Ontario office of WSP Canada Inc. Mr. Wilson has experience in conducting Phase One and Two ESAs on numerous residential, commercial, and industrial properties.

This report was reviewed by Marty Barons, P.Eng., QP_{ESA}, an Environmental Engineer in the Toronto, Ontario Office of WSP Canada Inc. Marty holds a Bachelors of Applied Science Degree in Environmental Engineering, and is a recognized Professional Engineer in Ontario since 2008. He has conducted and managed dozens of environmental investigations including Phase One ESAs, Phase Two ESAs, and various site remediation projects across Ontario. Marty is a Qualified Person (QP_{ESA}) under the MECP O.Reg. 153/04.

9 REFERENCES

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TABLES

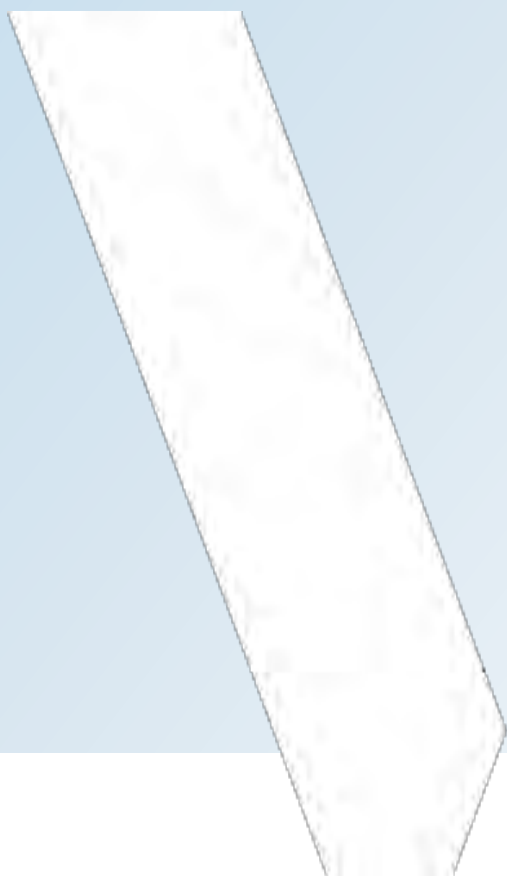


Table 1 - Current and Past Uses of the Phase One Property

(Refer to Clause 16 (2)(b), Schedule D, O. Reg. 153/04)

Legal Description of Property - Part Lot 18, Concession 3 EHS (Ching) designated as Part 6, 43R-28374 and Part 18, Plan 43R-28173; Save and Except Part 5, Plan 43-R28374, Part 9, Plan 43-R29837 and Part 1, Plan 43-R30950, Caledon (PIN #41235-1724)

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
1878-1980	Unknown	Unknown	Agricultural	Based on the aerial photographs, the Phase One Property appears to be utilized for agricultural use.
1980-Present	Robert Rukavina	Agricultural	Agricultural	Based on the aerial photographs and the interview, the Phase One Property has been utilized as agricultural land.

Table 2 –Summary of Potentially Contaminating Activities On-Site and Within the Phase One Study Area

(Refer to Table 2, Schedule D, O. Reg. 153/04)

PCAs	DESCRIPTION
PCA No. 30 Importation of Fill Material of Unknown Quality	<u>Phase One Property</u> – Fill material may be located on the Phase One Property. (APEC-1)
PCA No. 40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	<u>Phase One Property</u> – As the Phase One Property is utilized for agricultural use, pesticides may have been applied. (APEC-2)
PCA No. 58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	<u>Phase One Study Area</u> – Ontario Clean Water Agency (4137 Mayfield Road), located south of the Phase One Property was registered for the generation, use, and/or storage of aliphatic solvents, light fuels, alkaline wastes – other metals and waste oils and lubricants from 1992 to 2017. This property is located downgradient in term of the inferred groundwater flow direction and is not considered to contribute to an APEC.
PCA N/S-1 Historical Spills	<u>Phase One Study Area</u> – The Ontario Spills database reported approximately 450L of diesel fuel discharged to the ground at the intersection of Heart Lake Road and Mayfield Road as a result of an overturned truck in 1993. Due to distance from the Phase One Property and anticipated direction of groundwater flow, the reported spill is not anticipated to have impacted the environmental quality of the Site. The diesel spill may have been directed to municipal catchbasins on Mayfield Road and/or Heart Lake Road and is not anticipated to impact the Phase One Property

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

Table 3 –Areas of Potential Environmental Concern

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

AREA OF POTENTIAL ENVIRONMENTAL CONCERN	LOCATION OF POTENTIAL ENVIRONMENTAL CONCERN ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY	LOCATION OF PCA (ON-SITE OR OFF-SITE)	POTENTIAL CONTAMINANTS OF CONCERN	MEDIA POTENTIALLY IMPACTED (GROUND WATER, SOIL AND/OR SEDIMENT)
APEC-1	Entire Phase One Property	PCA No. 30 Importation of Fill Material of Unknown Quality	On-site	Metals, As, Sb, Se, B-HWS, CN-, Cr (VI), Hg, low or high pH, electrical conductivity, SAR	Soil
APEC-2	Entire Phase One Property	PCA No. 40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	Organochlorine Pesticides	Soil

Notes:

ABNs – Acid/Base Neutral Compounds

AS – Arsenic

B-HWS – Boron (Hot Water Soluble)

BTEX – Benzene, Toluene, Ethylbenzene, and Xylenes

Ca - Calcium

CN- Cyanide

Cl- - Chloride

Sb – Antimony

Se - Selenium

Mg - Magnesium

Na - Sodium

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

PAHs – Polycyclic Aromatic Hydrocarbons

PCBs – Polychlorinated Biphenyls

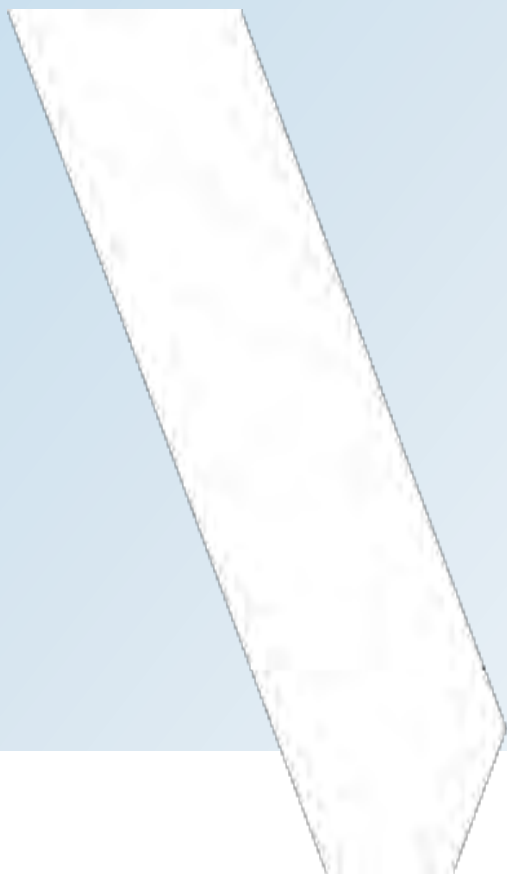
PHCs – Petroleum Hydrocarbons

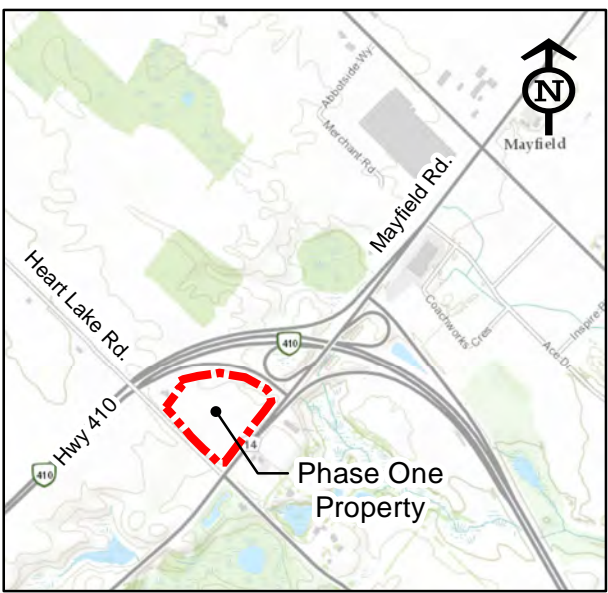
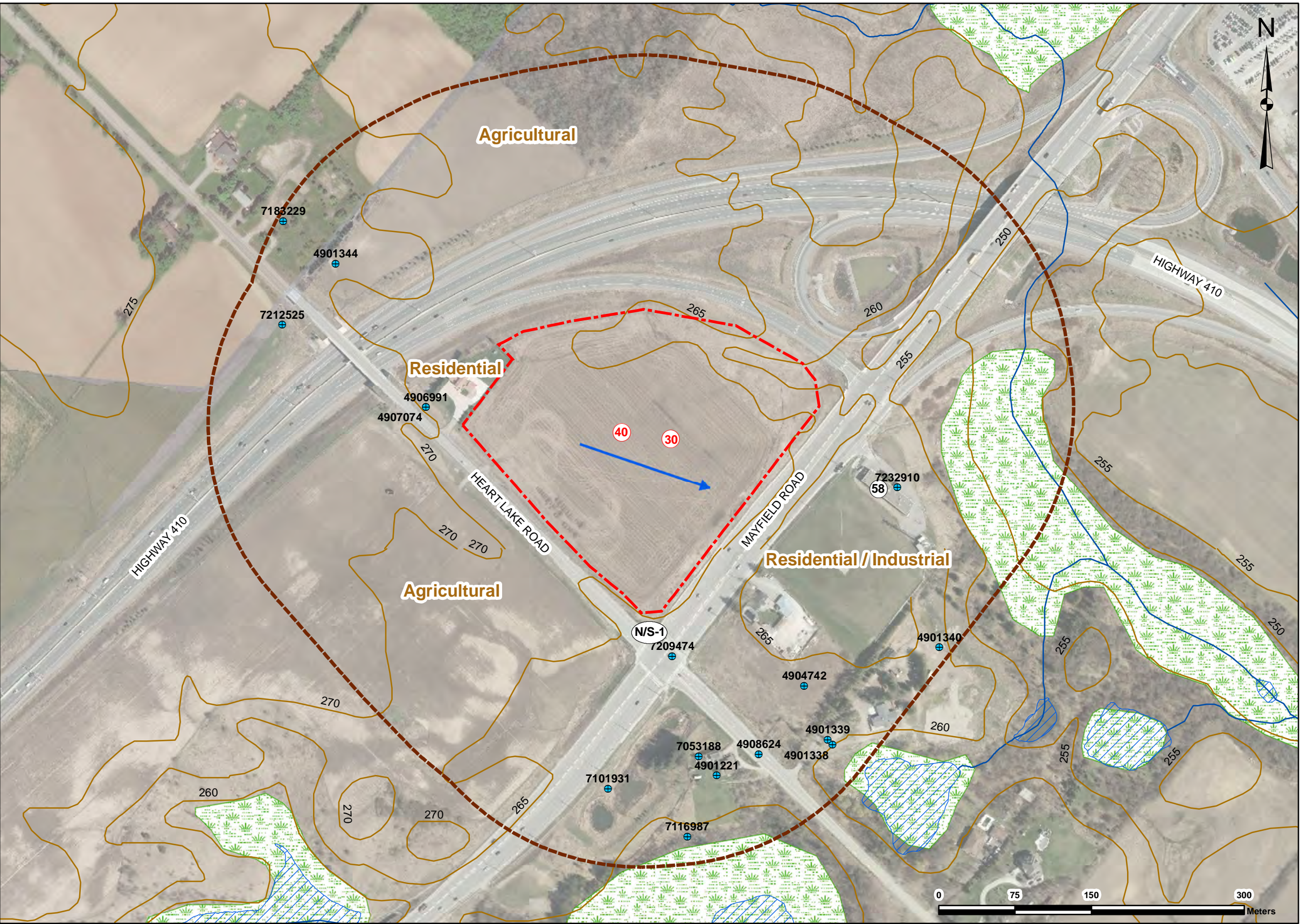
SAR – Sodium Adsorption Ratio

VOCs – Volatile Organic Compounds

THMs - Trihalomethanes

FIGURES





KEY PLAN
N.T.S.

POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

- 30 PCA30 - Importation of Fill Material of Unknown Quality
- 40 PCA40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
- 58 PCA58 - Waste Disposal and Waste Management
- N/S-1 Ontario Spills

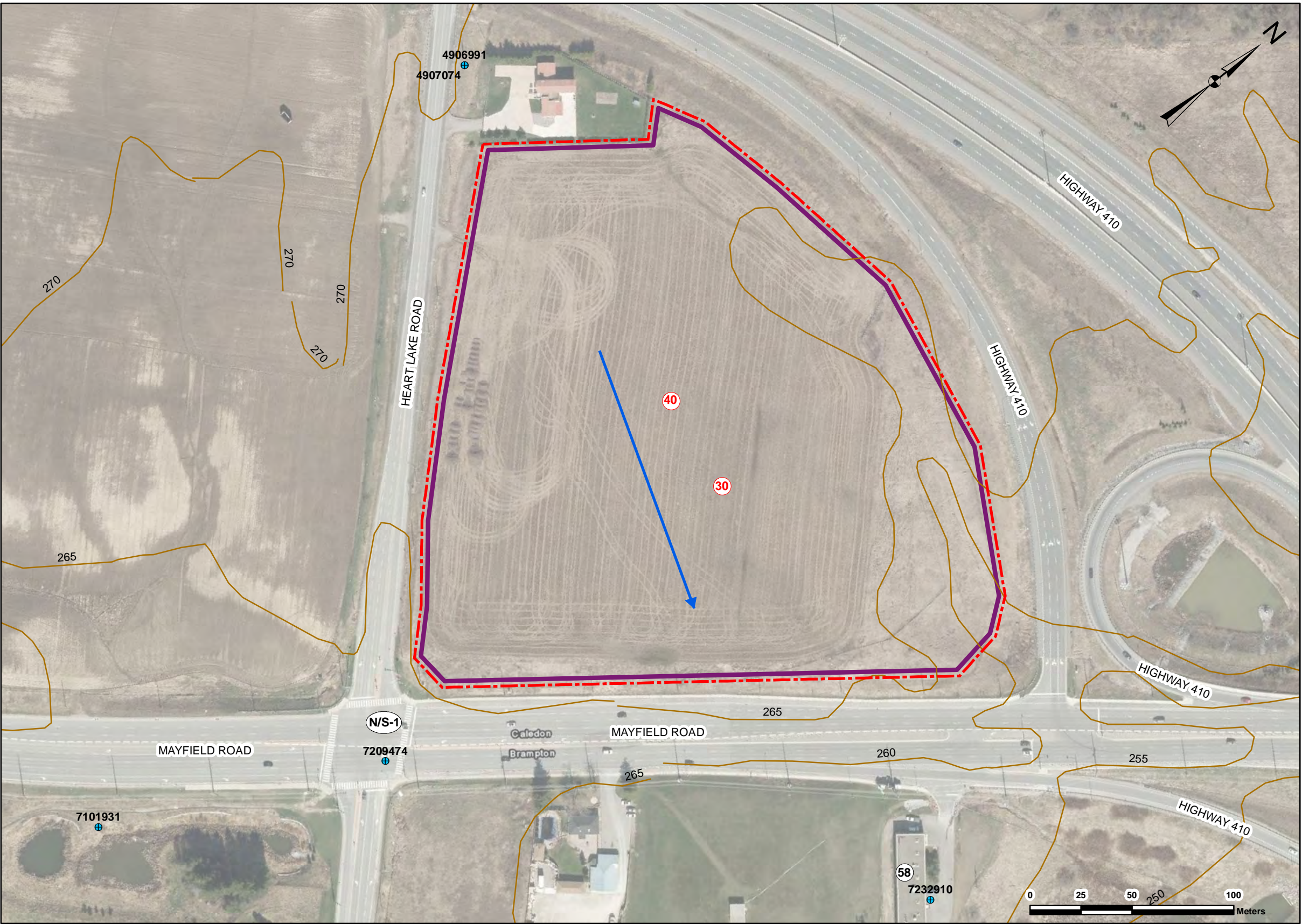
- # PCA Contributing to APEC
- # PCA Not Contributing to APEC

- Legend:**
- 250m Study Area
 - Phase One Property
 - MOECC Water Well
 - Topographic Contours Line
 - Tributary / River
 - Water Body
 - wetland
 - Inferred Groundwater Flow Direction

WSP

51 CONSTELLATION COURT
TORONTO, ONTARIO CANADA M9W 1K4
TEL.: 416-798-0065 | FAX: 416-798-0518 | WWW.WSP.COM

Client: Coscorp Inc.		Project No.: 181-12470-00	Figure No.: 1
Drawn: LWS	Aproved: MB	Discipline: ENVIRONMENTAL	
Date: September 2018	Scale: 1:4000	Title: Phase One Conceptual Site Model	
Original Size: Tabloid	Rev: N/A	Project: Phase One Environmental Site Assessment Northeast corner of Heart Lake Road and Mayfield Road, Caledon, ON	



POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)

- ③① PCA30 - Importation of Fill Material of Unknown Quality
- ④① PCA40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
- ⑤⑧ PCA58 - Waste Disposal and Waste Management
- Ⓝ/S-① Ontario Spills

- # PCA Contributing to APEC
- # PCA Not Contributing to APEC

Legend:

Phase One Property

APEC 1, 2

MOECC Water Well

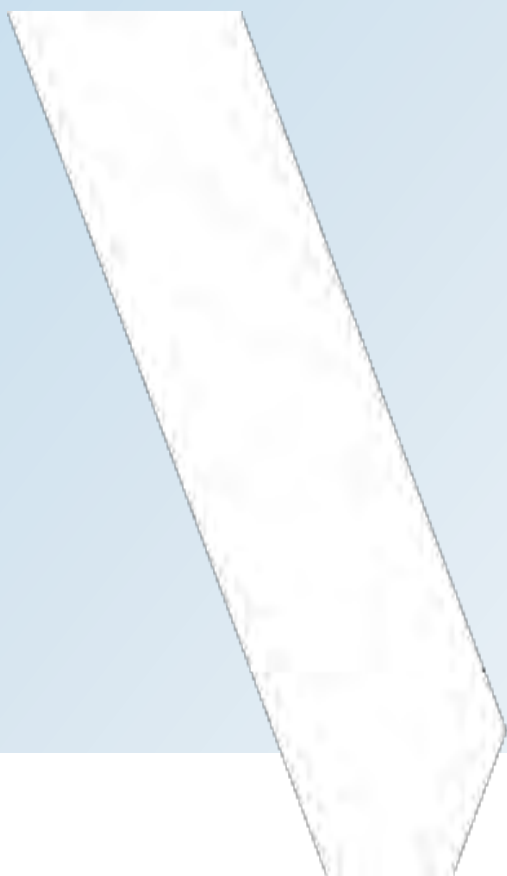
Topographic Contours Line

Inferred Groundwater Flow Direction

<div><div><div></div></div><div>51 CONSTELLATION COURT TORONTO, ONTARIO CANADA M9W 1K4 TEL.: 416-798-0065 FAX: 416-798-0518 WWW.WSP.COM</div></div>	Client: Coscorp Inc.		Project No.: 181-12470-00	Figure No.: 2
	Drawn: LWS	Aproved: MB	Discipline: ENVIRONMENTAL	
	Date: September 2018	Scale: 1:2000	Title: Areas of Potential Environmental Concern	
	Orginal Size: Tabloid	Rev: N/A	Project: Phase One Environmental Site Assessment Northeast corner of Heart Lake Road and Mayfield Road, Caledon, ON	

APPENDIX

A ERIS REPORT





DATABASE REPORT

Project Property: *Heart Lake Gardens Inc
Heart Lake Gardens Inc.
Canada ON*

Project No:

Report Type: *Standard Report*

Order No: *20180906025*

Requested by: *WSP Canada Inc.*

Date Completed: *September 12, 2018*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property: *Heart Lake Gardens Inc*
Heart Lake Gardens Inc. Canada ON

Project No:

Coordinates:

Latitude: *43.754757*
Longitude: *-79.803856*
UTM Northing: *4,845,329.96*
UTM Easting: *596,294.26*
UTM Zone: *UTM Zone 17T*

Elevation: *872 FT*
265.86 M

Order Information:

Order No: *20180906025*
Date Requested: *September 6, 2018*
Requested by: *WSP Canada Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	3	3
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DRYCLEANERS	<i>Dry Cleaning Facilities</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	4	4
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	0	0
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	13	13
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MISA PENALTY	<i>Environmental Penalty Annual Report</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	3	3
Total:			0	26	26

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 18 con 3 ON Well ID: 4906991	W/179.2	4.00	17
1	WWIS		lot 18 con 3 ON Well ID: 4907074	W/179.2	4.00	20
2	CA	The Regional Municipality of Peel	Mayfield Road at Heart Lake Rd Brampton ON	SSE/219.4	-1.45	23
2	HINC		SOUTHWEST CORNER OF MAYFIELD ROAD & HEART LAKE ROAD BRAMPTON ON	SSE/219.4	-1.45	24
2	SPL	TRANSPORT TRUCK	MAYFIELD RD/ HEART LAKE RD. MOTOR VEHICLE (OPERATING FLUID) BRAMPTON CITY ON	SSE/219.4	-1.45	24
2	SPL		Corner of Mayfield & Heat Lake Rd Brampton ON	SSE/219.4	-1.45	25
3	WWIS		CALEDON ON Well ID: 7209474	SSE/222.9	-1.47	25
4	CA	North Brampton Pumping Station	4137 Mayfield Road Brampton ON L6T 3S1	E/242.5	-6.63	28
4	CA	North Brampton Reservoir	4137 Mayfield Road Brampton ON L6T 3S1	E/242.5	-6.63	28
4	ECA	The Regional Municipality of Peel	4137 Mayfield Rd Lot 17 Concession 3 Brampton ON L6T 4B9	E/242.5	-6.63	28
4	ECA	The Regional Municipality of Peel	4137 Mayfield Rd Lot 17 Concession 3 Brampton ON L6T 4B9	E/242.5	-6.63	29
4	GEN	MINISTRY (SEE & USE ON1808637) 26-747	4137 MAYFIELD ROAD, BRAMPTON C/O920 EAST AVENUE MISSISSAUGA ON L6T 3S1	E/242.5	-6.63	29

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>4</u>	GEN	MINISTRY OF THE ENVIRONMENT 26-747	4137 MAYFIELD ROAD, BRAMPTON C/O920 EAST AVENUE MISSISSAUGA ON L6T 3S1	E/242.5	-6.63	<u>29</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD NORTH BRAMPTON PUMPING STATION BRAMPTON ON L6T 3S1	E/242.5	-6.63	<u>29</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L6T 3S1	E/242.5	-6.63	<u>30</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E/242.5	-6.63	<u>30</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E/242.5	-6.63	<u>30</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E/242.5	-6.63	<u>31</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L6T 3S1	E/242.5	-6.63	<u>31</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E/242.5	-6.63	<u>31</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E/242.5	-6.63	<u>32</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E/242.5	-6.63	<u>32</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E/242.5	-6.63	<u>33</u>
<u>4</u>	GEN	ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E/242.5	-6.63	<u>33</u>
<u>5</u>	ECA	The Regional Municipality of Peel	Mayfield Road at Heart Lake Rd Brampton ON L6T 3Y3	SSE/243.0	-2.03	<u>34</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
5	ECA	The Regional Municipality of Peel	Heart Lake Rd (Southwest Intersection of Heart Lake Road and Mayfield Road) Brampton ON L6Y 4B9	SSE/243.0	-2.03	34

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Regional Municipality of Peel	Mayfield Road at Heart Lake Rd Brampton ON	SSE	219.42	<u>2</u>
North Brampton Reservoir	4137 Mayfield Road Brampton ON L6T 3S1	E	242.54	<u>4</u>
North Brampton Pumping Station	4137 Mayfield Road Brampton ON L6T 3S1	E	242.54	<u>4</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2018 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Regional Municipality of Peel	4137 Mayfield Rd Lot 17 Concession 3 Brampton ON L6T 4B9	E	242.54	<u>4</u>
The Regional Municipality of Peel	4137 Mayfield Rd Lot 17 Concession 3 Brampton ON L6T 4B9	E	242.54	<u>4</u>
The Regional Municipality of Peel	Heart Lake Rd (Southwest Intersection of Heart Lake Road and Mayfield Road) Brampton ON L6Y 4B9	SSE	243.02	<u>5</u>
The Regional Municipality of Peel	Mayfield Road at Heart Lake Rd Brampton ON L6T 3Y3	SSE	243.02	<u>5</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 13 GEN site(s) within approximately 0.25

kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD NORTH BRAMPTON PUMPING STATION BRAMPTON ON L6T 3S1	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L6T 3S1	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON L6T 3S1	E	242.54	4
ONTARIO CLEAN WATER AGENCY	4137 MAYFIELD ROAD BRAMPTON ON	E	242.54	4
MINISTRY OF THE ENVIRONMENT 26-747	4137 MAYFIELD ROAD, BRAMPTON C/O920 EAST AVENUE MISSISSAUGA ON L6T 3S1	E	242.54	4

MINISTRY (SEE & USE
ON1808637) 26-747

4137 MAYFIELD ROAD, BRAMPTON E
C/O920 EAST AVENUE
MISSISSAUGA ON L6T 3S1

242.54

[4](#)

HINC - TSSA Historic Incidents

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	SOUTHWEST CORNER OF MAYFIELD ROAD & HEART LAKE ROAD BRAMPTON ON	SSE	219.42	2

SPL - Ontario Spills

A search of the SPL database, dated 1988-May 2018 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

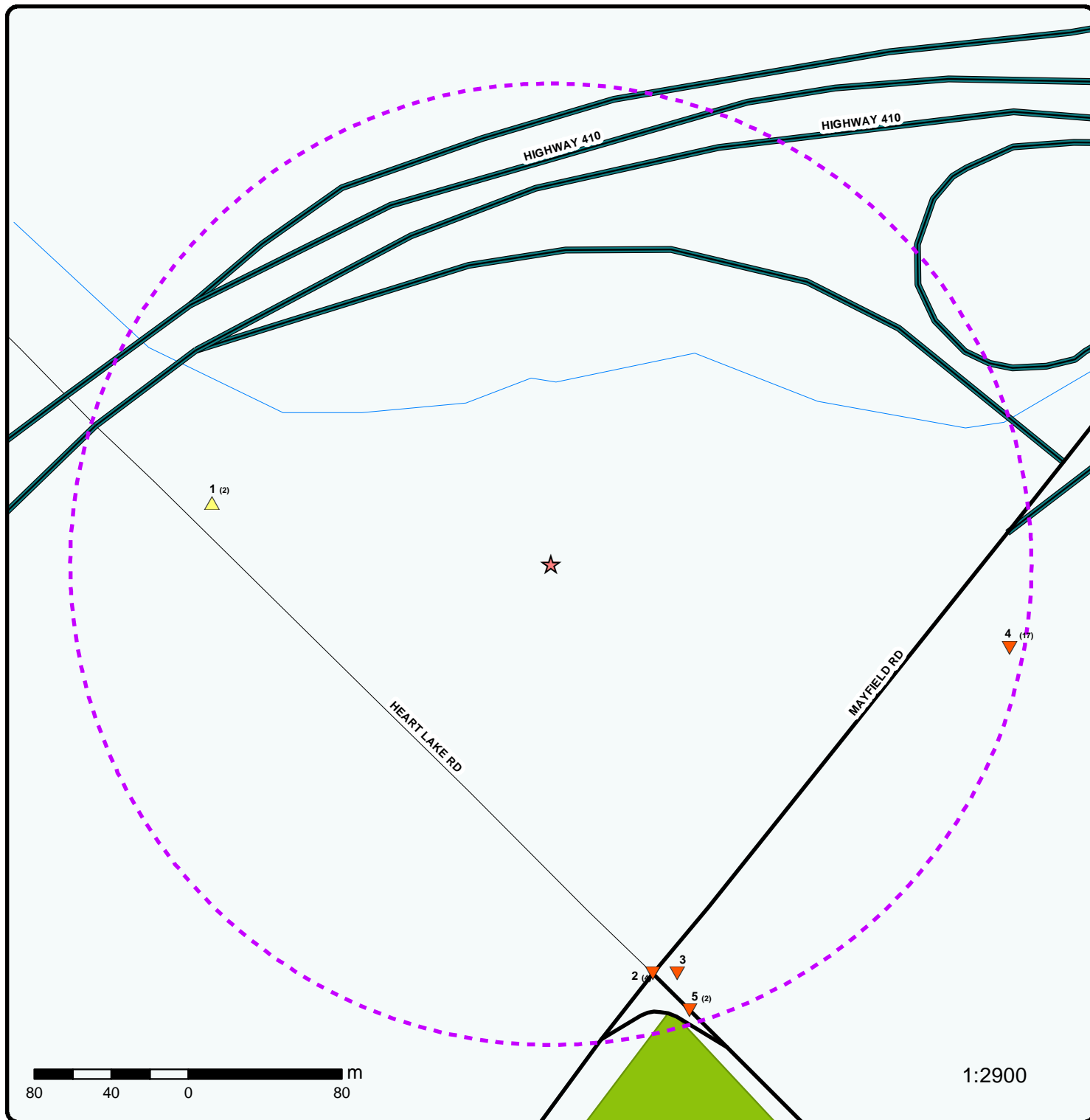
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Corner of Mayfield & Heat Lake Rd Brampton ON	SSE	219.42	2
TRANSPORT TRUCK	MAYFIELD RD/ HEART LAKE RD. MOTOR VEHICLE (OPERATING FLUID) BRAMPTON CITY ON	SSE	219.42	2

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 18 con 3 ON <i>Well ID: 4907074</i>	W	179.15	1
	lot 18 con 3 ON <i>Well ID: 4906991</i>	W	179.15	1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	CALEDON ON	SSE	222.87	3
	<i>Well ID: 7209474</i>			



Map : 0.25 Kilometer Radius

Order No: 20180906025

Address: Heart Lake Gardens Inc., Canada, ON

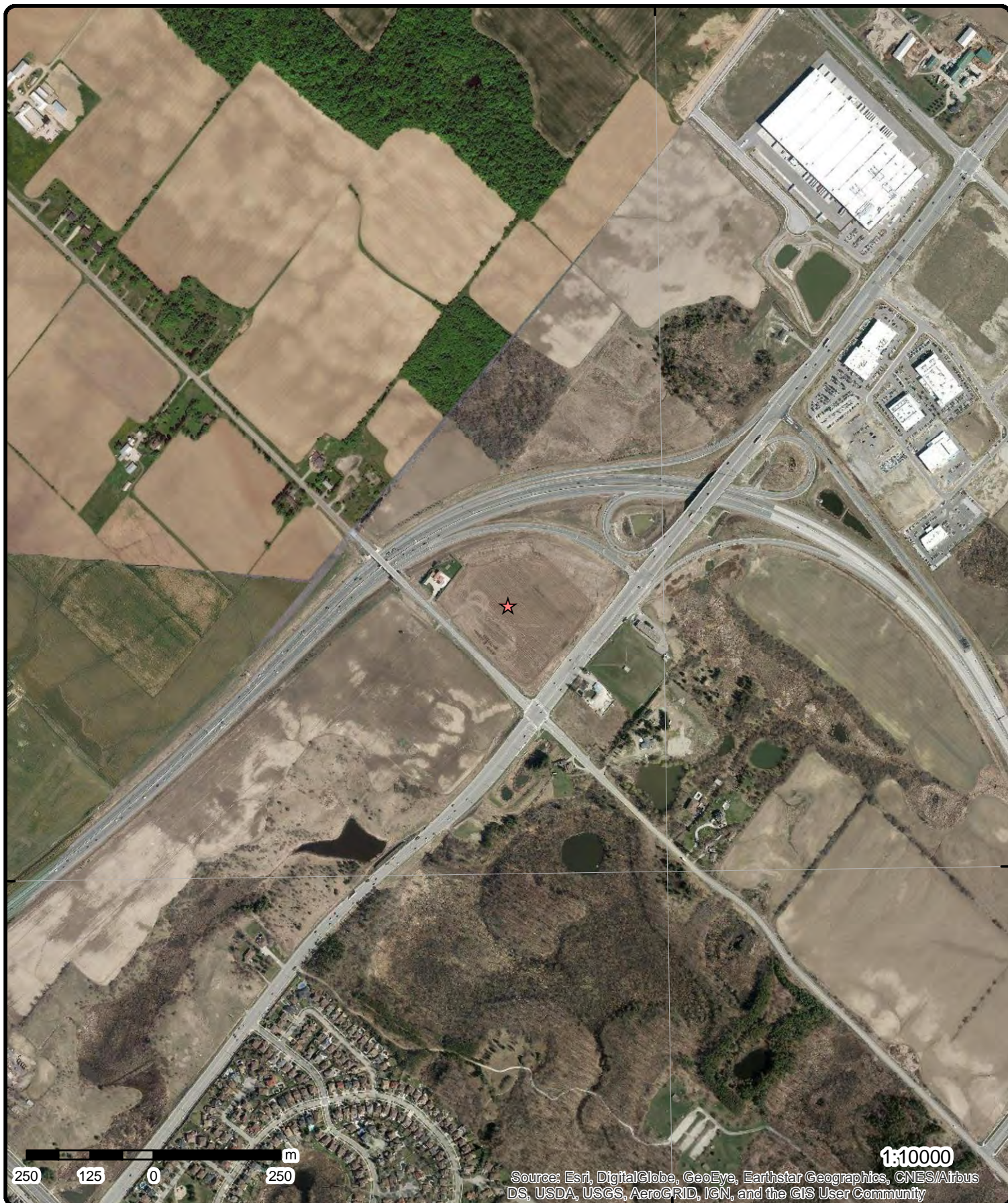


★ Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
△ Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
□ Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving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

79°48'W

43°45'N

43°45'N



Aerial (2017)

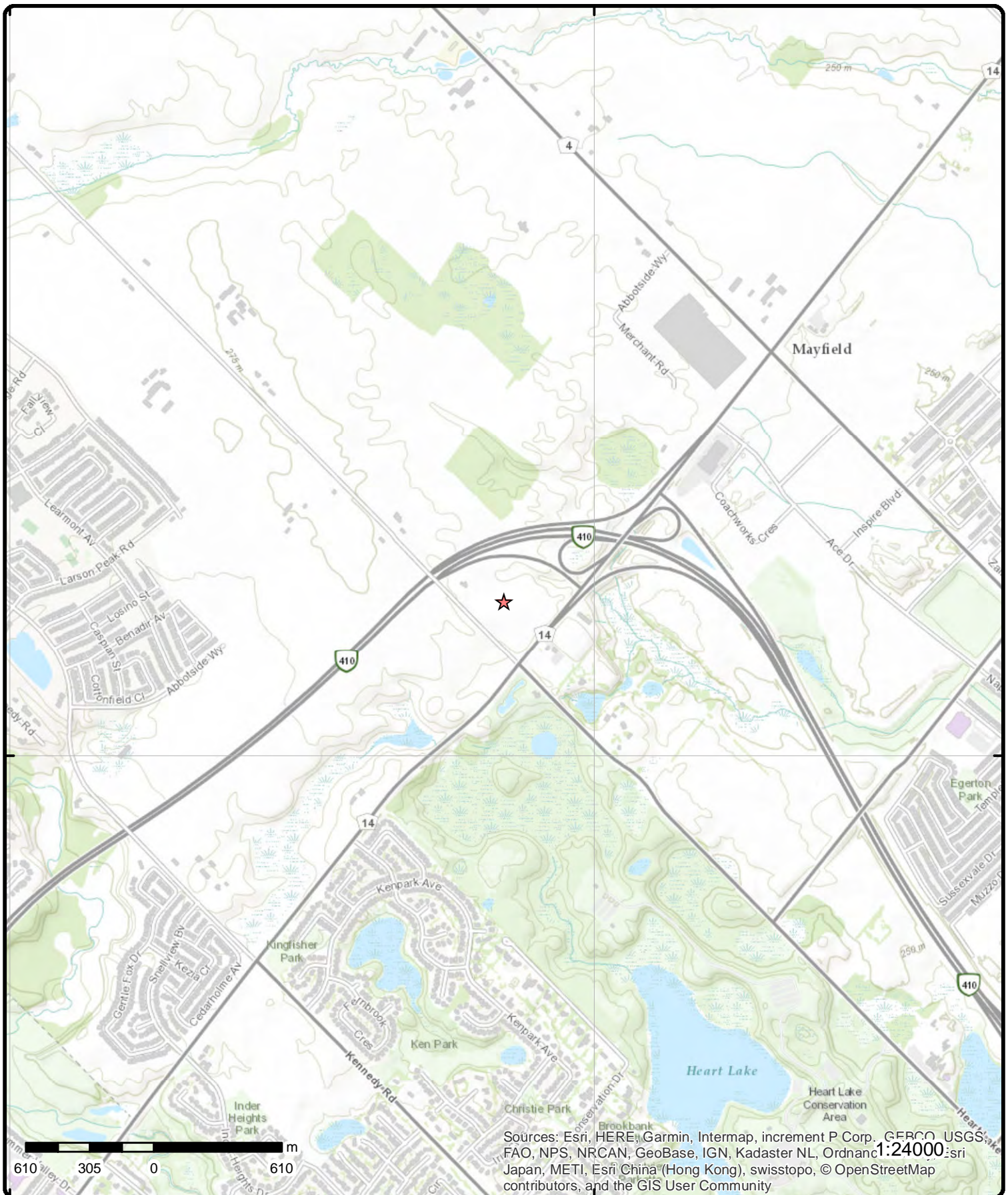
Address: Heart Lake Gardens Inc., Canada, ON

Source: ESRI World Imagery

Order No: 20180906025



© ERIS Information Limited Partnership



Topographic Map

Address: Heart Lake Gardens Inc., Canada, ON

Source: ESRI World Topographic Map

Order No: 20180906025



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	W/179.2	269.9 / 4.00	lot 18 con 3 ON	WWIS
<div> <div> Well ID: 4906991 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 35163 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: </div> <div> Data Entry Status: Data Src: 1 Date Received: 2/28/1989 Selected Flag: Yes Abandonment Rec: Contractor: 4919 Form Version: 1 Owner: Street Name: County: PEEL Municipality: CALEDON TOWN (CHINGUACOUSY) Site Info: Lot: 018 Concession: 03 Concession Name: HS E Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10321552 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 10-NOV-88 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 268.53 Elevrc: Zone: 17 East83: 596118 Org CS: North83: 4845362 UTMRC: 2 UTMRC Desc: margin of error : 3 - 10 m Location Method: gps </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 932056188 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: 73 Other Materials: HARD Mat3: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
Formation ID:		932056189			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
Formation ID:		932056191			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		60			
Formation End Depth:		83			
Formation End Depth UOM:		ft			
Formation ID:		932056190			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964906991			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10870122			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930530576			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:					
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		994906991			
Pump Set At:					
Static Level:		60			
Final Level After Pumping:		80			
Recommended Pump Depth:		80			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934255900			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		79			
Test Level UOM:		ft			
Pump Test Detail ID:		934784538			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		76			
Test Level UOM:		ft			
Pump Test Detail ID:		934530457			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		78			
Test Level UOM:		ft			
Pump Test Detail ID:		935050032			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		75			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933795034			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
1	2 of 2	W/179.2	269.9 / 4.00	lot 18 con 3 ON	WWIS
Well ID: 4907074		Data Entry Status:			
Construction Date:		Data Src: 1			
Primary Water Use: Domestic		Date Received: 3/13/1989			
Sec. Water Use:		Selected Flag: Yes			
Final Well Status: Water Supply		Abandonment Rec:			
Water Type:		Contractor: 4005			
Casing Material:		Form Version: 1			
Audit No: 42474		Owner:			
Tag:		Street Name:			
Construction Method:		County: PEEL			
Elevation (m):		Municipality: CALEDON TOWN (CHINGUACOUSY)			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot: 018			
Well Depth:		Concession: 03			
Overburden/Bedrock:		Concession Name: HS E			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10321635		Elevation: 268.53			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 17			
Code OB: o		East83: 596118			
Code OB Desc: Overburden		Org CS:			
Open Hole:		North83: 4845362			
Cluster Kind:		UTMRC: 2			
Date Completed: 01-MAR-89		UTMRC Desc: margin of error : 3 - 10 m			
Remarks:		Location Method: gps			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932056622					
Layer: 2					
Color: 2					
General Color: GREY					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 28					
Other Materials: SAND					
Mat3: 79					
Other Materials: PACKED					
Formation Top Depth: 10					
Formation End Depth: 42					
Formation End Depth UOM: ft					
Formation ID: 932056623					
Laver: 3					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		42			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
Formation ID:		932056621			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
Formation ID:		932056627			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		181			
Formation End Depth:		199			
Formation End Depth UOM:		ft			
Formation ID:		932056626			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		29			
Other Materials:		FINE GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		180			
Formation End Depth:		181			
Formation End Depth UOM:		ft			
Formation ID:		932056628			
Layer:		8			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		08			
Other Materials:		FINE SAND			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		199			
Formation End Depth:		200			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation End Depth UOM:		ft			
Formation ID:		932056624			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		80			
Formation End Depth:		135			
Formation End Depth UOM:		ft			
Formation ID:		932056625			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		135			
Formation End Depth:		180			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		964907074			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10870205			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930530699			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		200			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		994907074			
Pump Set At:					
Static Level:		65			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Level After Pumping:		160			
Recommended Pump Depth:		180			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		8			
Pumping Duration MIN:		30			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935050076			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		160			
Test Level UOM:		ft			
Pump Test Detail ID:		934255953			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		160			
Test Level UOM:		ft			
Pump Test Detail ID:		934784582			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		160			
Test Level UOM:		ft			
Pump Test Detail ID:		934530504			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		160			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933795120			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		200			
Water Found Depth UOM:		ft			

2

1 of 4

SSE/219.4

264.4 / -1.45

The Regional Municipality of Peel
Mayfield Road at Heart Lake Rd
Brampton ON

CA

Certificate #: 8700-7DZQK2
Application Year: 2008
Issue Date: 6/6/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Description:: Contaminants:: Emission Control::					
2	2 of 4	SSE/219.4	264.4 / -1.45	SOUTHWEST CORNER OF MAYFIELD ROAD & HEART LAKE ROAD BRAMPTON ON	HINC
External File Num: FS INC 0801-00428 Date of Occurrence: 1/11/2008 Fuel Occurrence Type: Pipeline Strike Fuel Type Involved: Natural Gas Status Desc:: Completed - Causal Analysis(End) Job Type Desc:: Incident/Near-Miss Occurrence (FS) Oper. Type Involved:: Construction Site (pipeline strike) Service Interruptions:: No Property Damage:: No Fuel Life Cycle Stage:: Transmission, Distribution and Transportation Root Cause:: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes Reported Details:: FCM Construction Fuel Category:: Gaseous Fuel Occurrence Type:: Incident Affiliation:: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name:: Peel Approx. Quant. Rel:: Nearby body of water:: Enter Drainage Syst.: Approx. Quant. Unit:: Environmental Impact::					
2	3 of 4	SSE/219.4	264.4 / -1.45	TRANSPORT TRUCK MAYFIELD RD/ HEART LAKE RD. MOTOR VEHICLE (OPERATING FLUID) BRAMPTON CITY ON	SPL
Ref No: 81000 Site No: Incident Dt: 1/18/1993 Year: Incident Cause: TRUCK/TRAILER OVERTURN Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: Environment Impact: NOT ANTICIPATED Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: Health/Env Conseq: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 1/18/1993 Dt Document Closed: Agency Involved: SAC Action Class: Incident Reason: ERROR Incident Summary: PRIVATE OWNER - APPROX 450L DIESEL LEAK FROM OVERTURNED TRUCK, MVA.					
Discharger Report: Material Group: Client Type: Sector Type: Source Type: Nearest Watercourse: Site Name: Site Address: Site District Office: Site County/District: Site Postal Code: Site Region: Site Municipality: 21101 Site Lot: Site Conc: Northings: Easting: OPP. FD, WORKS. R.M. PEEL. Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	4 of 4	SSE/219.4	264.4 / -1.45	Corner of Mayfield & Heat Lake Rd Brampton ON	SPL
Ref No:	4220-7CVSUE			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Client Type:	
Year:				Sector Type:	Other
Incident Cause:	Other Discharges			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:	46			Site Name:	Construction Site<UNOFFICIAL>
Contaminant Name:	DIRTY WATER (SUSPENDED SOLIDS/SAND)			Site Address:	
Contaminant Limit 1:				Site District Office:	Halton-Peel
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:	0 other - see incident description			Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Brampton
Nature of Impact:	Other Impact(s); Surface Water Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	3/19/2008			Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class:	Watercourse Spills				
Incident Reason:	Ice/Snow/Rain				
Incident Summary:	Construction site: silt runoff to Heart Lake PSW				
3	1 of 1	SSE/222.9	264.4 / -1.47	CALEDON ON	WWIS
Well ID:	7209474			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	10/15/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7201
Casing Material:				Form Version:	7
Audit No:	Z167937			Owner:	
Tag:	A088481			Street Name:	MAYFIELD/HEART LAKE RD.
Construction Method:				County:	PEEL
Elevation (m):				Municipality:	BRAMPTON CITY (CHINGUACOUSY)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1004603550			Elevation:	262.57
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	596360
Code OB Desc:				Org CS:	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				North83:	4845117
Cluster Kind:				UTMRC:	4
Date Completed:	27-SEP-13			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004629043			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		28			
Other Materials:		SAND			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
 Formation ID:		1004629045			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		16			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
 Formation ID:		1004629044			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		5			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
 Formation ID:		1004629046			
Layer:		4			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:	20				
Formation End Depth:					
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1004629056				
Layer:	1				
Plug From:	0				
Plug To:	14				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1004629055				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1004629042				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1004629049				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	15				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1004629052				
Layer:	1				
Slot:	10				
Screen Top Depth:	15				
Screen End Depth:	20				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2				
<u>Water Details</u>					
Water ID:	1004629048				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1004629047			
Diameter:		8.25			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
4	1 of 17	E/242.5	259.2 / -6.63	North Brampton Pumping Station 4137 Mayfield Road Brampton ON L6T 3S1	CA
Certificate #:		3519-5CXMVX			
Application Year:		02			
Issue Date:		8/26/02			
Approval Type:		Municipal & Private water			
Status:		Approved			
Application Type:		Amended CofA			
Client Name::		The Regional Municipality of Peel			
Client Address::		10 Peel Centre Drive			
Client City::		Brampton			
Client Postal Code::		L6T 4B9			
Project Description::		This application is for amendments to add rechlorination facility and expansion of pumping station to the Lakeview WTP consolidated CofA, works formerly described under Certificate Numbers 5-419-82-006 (reservoir, generator set, and temporary pumping station) and 7-1778-90-916 (pumping station). Approval is sought for the upgrade of the existing pumping station, including the addition of four horizontal pumps and an extension to the existing building, as well as an addition to the existing water reservoir to increase storage capacity.			
Contaminants::					
Emission Control::					
4	2 of 17	E/242.5	259.2 / -6.63	North Brampton Reservoir 4137 Mayfield Road Brampton ON L6T 3S1	CA
Certificate #:					
Application Year:					
Issue Date:					
Approval Type:		Municipal & Private water			
Status:		Returned			
Application Type:		Amended CofA			
Client Name::		The Regional Municipality of Peel			
Client Address::		10 Peel Centre Drive			
Client City::		Brampton			
Client Postal Code::		L6T 4B9			
Project Description::		Amendment			
Contaminants::					
Emission Control::					
4	3 of 17	E/242.5	259.2 / -6.63	The Regional Municipality of Peel 4137 Mayfield Rd Lot 17 Concession 3 Brampton ON L6T 4B9	ECA
Approval No:		9979-7NKJNG		SWP Area Name:	
Approval Date:		2009-01-27		MOE District:	
Status:		Approved		City:	
Record Type:		ECA		Longitude:	
Link Source:		IDS		Latitude:	
Approval Type:		ECA-Municipal Drinking Water Systems			
Project Type:		Municipal Drinking Water Systems			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Address: Full Address: Full PDF Link:		4137 Mayfield Rd Lot 17 Concession 3			
4	4 of 17	E/242.5	259.2 / -6.63	The Regional Municipality of Peel 4137 Mayfield Rd Lot 17 Concession 3 Brampton ON L6T 4B9	ECA
Approval No: Approval Date: Status: Record Type: Link Source: Approval Type: Project Type: Address: Full Address: Full PDF Link:		3519-5CXMVX 2002-08-26 Revoked and/or Replaced ECA IDS ECA-Municipal and Private Water Works Municipal and Private Water Works 4137 Mayfield Rd Lot 17 Concession 3		SWP Area Name: MOE District: City: Longitude: Latitude:	
4	5 of 17	E/242.5	259.2 / -6.63	MINISTRY (SEE & USE ON1808637) 26-747 4137 MAYFIELD ROAD, BRAMPTON C/O920 EAST AVENUE MISSISSAUGA ON L6T 3S1	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON1146627 92,93,95,96,97,98 8273 ENVIRON. ADMIN.		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
--Details-- Waste Code: Waste Description:		221 LIGHT FUELS			
4	6 of 17	E/242.5	259.2 / -6.63	MINISTRY OF THE ENVIRONMENT 26-747 4137 MAYFIELD ROAD, BRAMPTON C/O920 EAST AVENUE MISSISSAUGA ON L6T 3S1	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON1146627 94 8273 ENVIRON. ADMIN.		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
--Details-- Waste Code: Waste Description:		221 LIGHT FUELS			
4	7 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD NORTH BRAMPTON PUMPING STATION BRAMPTON ON L6T 3S1	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Generator No.: ON1808637 Status: Approval Years: 95,96,97,98 Contam. Facility: MHSW Facility: SIC Code: 8273 SIC Description: ENVIRON. ADMIN. </div> <div> PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: </div> </div> <div> --Details-- Waste Code: 221 Waste Description: LIGHT FUELS </div>					
4	8 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON L6T 3S1	GEN
<div> <div> Generator No.: ON1808637 Status: Approval Years: 01,02,03,04,05,06,07,08 Contam. Facility: MHSW Facility: SIC Code: 8273 SIC Description: ENVIRON. ADMIN. </div> <div> PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: </div> </div> <div> --Details-- Waste Code: 221 Waste Description: LIGHT FUELS </div>					
4	9 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON	GEN
<div> <div> Generator No.: ON1808637 Status: Approval Years: 2009 Contam. Facility: MHSW Facility: SIC Code: 221310 SIC Description: Water Supply and Irrigation Systems </div> <div> PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: </div> </div> <div> --Details-- Waste Code: 221 Waste Description: LIGHT FUELS </div>					
4	10 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON	GEN
<div> <div> Generator No.: ON1808637 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 221310 SIC Description: Water Supply and Irrigation Systems </div> <div> PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
4	11 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON	GEN
Generator No.:	ON1808637			PO Box No.:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	221310				
SIC Description:		Water Supply and Irrigation Systems			
--Details--					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
4	12 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON L6T 3S1	GEN
Generator No.:	ON1808637			PO Box No.:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	221310				
SIC Description:		Water Supply and Irrigation Systems			
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
4	13 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON	GEN
Generator No.:	ON1808637			PO Box No.:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	221310				
SIC Description:		WATER SUPPLY AND IRRIGATION SYSTEMS			
<u>--Details--</u>					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
<hr/>					
4	14 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	GEN
Generator No.:	ON1808637			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Gregory Barber
MHSW Facility:	No			Phone No. Admin:	905 274 6710 Ext.2217
SIC Code:	221310				
SIC Description:		WATER SUPPLY AND IRRIGATION SYSTEMS			
<u>--Details--</u>					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
<hr/>					
4	15 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	GEN
Generator No.:	ON1808637			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Gregory Barber
MHSW Facility:	No			Phone No. Admin:	905 274 6710 Ext.2217
SIC Code:	221310				
SIC Description:		WATER SUPPLY AND IRRIGATION SYSTEMS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
4	16 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	GEN
Generator No.:	ON1808637			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Gregory Barber
MHSW Facility:	No			Phone No. Admin:	905 274 6710 Ext.2217
SIC Code:	221310				
SIC Description:		WATER SUPPLY AND IRRIGATION SYSTEMS			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
4	17 of 17	E/242.5	259.2 / -6.63	ONTARIO CLEAN WATER AGENCY 4137 MAYFIELD ROAD BRAMPTON ON L5E 1W6	GEN
Generator No.:	ON1808637			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		122 C			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Code:		252 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		148 L			
Waste Description:		Misc. wastes and inorganic chemicals			
<u>5</u>	1 of 2	SSE/243.0	263.8 / -2.03	The Regional Municipality of Peel Mayfield Road at Heart Lake Rd Brampton ON L6T 3Y3	ECA
Approval No:		8700-7DZQK2		SWP Area Name:	Grand River
Approval Date:		2008-06-06		MOE District:	Guelph
Status:		Revoked and/or Replaced		City:	Brampton
Record Type:		ECA		Longitude:	-80.658
Link Source:		IDS		Latitude:	43.6439
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Address:		Mayfield Road at Heart Lake Rd			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2268-7C2LEU-14.pdf			
<u>5</u>	2 of 2	SSE/243.0	263.8 / -2.03	The Regional Municipality of Peel Heart Lake Rd (Southwest Intersection of Heart Lake Road and Mayfield Road) Brampton ON L6Y 4B9	ECA
Approval No:		6476-APNP4U		SWP Area Name:	
Approval Date:		2017-08-25		MOE District:	
Status:		Approved		City:	Brampton
Record Type:		ECA		Longitude:	
Link Source:		IDS		Latitude:	
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Address:		Heart Lake Rd (Southwest Intersection of Heart Lake Road and Mayfield Road)			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2498-AP7J9Y-14.pdf			

Unplottable Summary

Total: **32** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MANAGEMENT BOARD SECRETARIAT	HEART LAKE RD. SEW. LIFT STA.	BRAMPTON CITY ON	
CA	846456 ONTARIO LTD.	HEART LAKE RD./STREETS A-E	BRAMPTON CITY ON	
CA	R.M. OF PEEL	ACROSS HIGHWAY 410	BRAMPTON CITY ON	
CA	The Regional Municipality of Peel	Mayfield Rd	Brampton ON	
CA	The Regional Municipality of Peel	Mayfield Road	Brampton ON	
CA	The Regional Municipality of Peel	Mayfield Road	Brampton ON	
CA	The Regional Municipality of Peel	Mayfield Rd	Brampton ON	
CA	The Regional Municipality of Peel	Mayfield Road	Brampton ON	
CA	846456 ONTARIO LTD.	HEART LAKE RD/A. DONNELLY SUB.	BRAMPTON CITY ON	
CA	MINISTRY OF THE ENVIR. & ENERGY	HEART LAKE RD., PT.LOT 1 & 2	MISSISSAUGA CITY ON	
CA	Crupi Enterprises Inc.	Heart Lake Road	Brampton ON	
CA	Ranburne Holdings Limited	Heart Lake Rd Lot 11, Concession 2 EHS	Brampton ON	
CA	REG. MUN. OF PEEL	HEART LAKE RD.	BRAMPTON CITY ON	
CA	The Corporation of the City of Brampton	Heart Lake Road	Brampton ON	
CA	Ranburne Holdings Limited	Heart Lake Rd Lot 11, Concession 2 EHS	Brampton ON	
CA	ONTARIO MINISTRY OF THE ENVIRONMENT	SIMPLEX SUBM. GRINDER PUMP	BRAMPTON CITY ON	
CA	MINISTRY OF THE ENVIRONMENT	PT. LOT 17, CONC. 3 EHS	BRAMPTON CITY ON	
CA	MINISTRY OF THE ENVIRONMENT-LOT 17/CON.3	SOUTH PEEL WATER SYSTEM	BRAMPTON CITY ON	

CA	MINISTRY OF THE ENVIRONMENT	BECKETT-SPROULE P.S.,PT.LOT 2	BRAMPTON CITY ON	
CA	Heart Lake Road Developers Group Inc.	Heart Lake Road	Brampton ON	
ECA	The Regional Municipality of Peel	Mayfield Rd	Brampton ON	L6T 4B9
ECA	The Regional Municipality of Peel	Mayfield Rd	Brampton ON	L6T 4B9
ECA	The Regional Municipality of Peel	Mayfield Rd	Brampton ON	L6T 3Y3
ECA	The Regional Municipality of Peel	Mayfield Rd	Brampton ON	L6T 3Y3
PES	LAKESIDE GARDEN CENTRE (C#91761)	R.R. #4, HEART LAKE ROAD	BRAMPTON ON	
PES	LAKESIDE GARDEN CENTRE (C#02/2002)	RR 4, HEART LAKE RD	BRAMPTON ON	L6T 3S1
RSC		0 MAYFIELD ROAD, BRAMPTON, ON L6V 2K6	Brampton ON	
SPL	Ravi Transport Ltd<UNOFFICIAL>	Mayfield Rd, just W of Heart Lake Rd	Brampton ON	
SPL	TRANSPORT TRUCK	MAYFIELD RD EAST OF KENNEDY RD MOTOR VEHICLE (OPERATING FLUID)	BRAMPTON CITY ON	
SPL	Maritime Ontario <UNOFFICIAL>	HWY. 410, N-BOUND LANE, JUST NORTH OF CLARK BLVD. <UNOFFICIAL>	Brampton ON	
SPL		On Mayfield Rd. just east of Hurontario St. CONSTRUCTION SITE<UNOFFICIAL>	Brampton ON	
WWIS		lot 18	ON	

Unplottable Report

Site: MANAGEMENT BOARD SECRETARIAT
HEART LAKE RD. SEW. LIFT STA. BRAMPTON CITY ON

Database:
CA

Certificate #: 3-0055-94-
Application Year: 94
Issue Date: 2/24/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: 846456 ONTARIO LTD.
HEART LAKE RD./STREETS A-E BRAMPTON CITY ON

Database:
CA

Certificate #: 7-0777-93-
Application Year: 93
Issue Date: 9/7/1993
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF PEEL
ACROSS HIGHWAY 410 BRAMPTON CITY ON

Database:
CA

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

Site: The Regional Municipality of Peel
Mayfield Rd Brampton ON

Database:
CA

Certificate #: 0859-7E8RF4
Application Year: 2008

Issue Date: 5/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Regional Municipality of Peel*
Mayfield Road Brampton ON

Database:
[CA](#)

Certificate #: 0496-5SQMXP
Application Year: 2003
Issue Date: 10/28/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Regional Municipality of Peel*
Mayfield Road Brampton ON

Database:
[CA](#)

Certificate #: 1649-6PLNAN
Application Year: 2006
Issue Date: 6/13/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Regional Municipality of Peel*
Mayfield Rd Brampton ON

Database:
[CA](#)

Certificate #: 5805-776MMT
Application Year: 2007
Issue Date: 9/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: The Regional Municipality of Peel
Mayfield Road Brampton ON

Database:
CA

Certificate #: 2749-5URJLL
Application Year: 2004
Issue Date: 4/8/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: 846456 ONTARIO LTD.
HEART LAKE RD/A. DONNELLY SUB. BRAMPTON CITY ON

Database:
CA

Certificate #: 3-0979-93-
Application Year: 93
Issue Date: 9/7/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MINISTRY OF THE ENVIR. & ENERGY
HEART LAKE RD., PT.LOT 1 & 2 MISSISSAUGA CITY ON

Database:
CA

Certificate #: 8-3568-93-
Application Year: 93
Issue Date: 12/9/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: 30 KW DIESEL GENERATOR FOR PUMP STATION
Contaminants:: Nitrogen Oxides
Emission Control:: No Controls

Site: Crupi Enterprises Inc.
Heart Lake Road Brampton ON

Database:
CA

Certificate #: 3815-5TLRDK
Application Year: 2003
Issue Date: 11/26/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::

Contaminants::
Emission Control::

Site: *Ranburne Holdings Limited
Heart Lake Rd Lot 11, Concession 2 EHS Brampton ON*

Database:
CA

Certificate #: 8177-6WPKYM
Application Year: 2007
Issue Date: 1/10/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *REG. MUN. OF PEEL
HEART LAKE RD. BRAMPTON CITY ON*

Database:
CA

Certificate #: 7-0461-85-006
Application Year: 85
Issue Date: 7/4/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Corporation of the City of Brampton
Heart Lake Road Brampton ON*

Database:
CA

Certificate #: 6306-6W2RCJ
Application Year: 2006
Issue Date: 12/8/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *Ranburne Holdings Limited
Heart Lake Rd Lot 11, Concession 2 EHS Brampton ON*

Database:
CA

Certificate #: 6952-6Z2SU5
Application Year: 2007
Issue Date: 3/13/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:

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

Site: ONTARIO MINISTRY OF THE ENVIRONMENT
SIMPLEX SUBM. GRINDER PUMP BRAMPTON CITY ON

Database:
CA

Certificate #: 3-1289-86-
Application Year: 86
Issue Date: 9/19/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MINISTRY OF THE ENVIRONMENT
PT. LOT 17, CONC. 3 EHS BRAMPTON CITY ON

Database:
CA

Certificate #: 8-3026-91-
Application Year: 91
Issue Date: 3/13/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: INST. OF STANDBY DIESEL GENERATOR
Contaminants:: Nitrogen Oxides
Emission Control:: No Controls

Site: MINISTRY OF THE ENVIRONMENT-LOT 17/CON.3
SOUTH PEEL WATER SYSTEM BRAMPTON CITY ON

Database:
CA

Certificate #: 7-1778-90-
Application Year: 90
Issue Date: 4/17/1991
Approval Type: Municipal water
Status: Approved in 1991
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MINISTRY OF THE ENVIRONMENT
BECKETT-SPROULE P.S.,PT.LOT 2 BRAMPTON CITY ON

Database:
CA

Certificate #: 7-0808-93-

Application Year: 93
Issue Date: 11/1/1993
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *Heart Lake Road Developers Group Inc.*
Heart Lake Road Brampton ON

Database:
CA

Certificate #: 9921-6X9QAG
Application Year: 2007
Issue Date: 1/11/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *The Regional Municipality of Peel*
Mayfield Rd Brampton ON L6T 4B9

Database:
ECA

Approval No: 6524-AZRR3X
Approval Date: 2018-07-10
Status: Approved
Record Type: ECA
Link Source: IDS
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Mayfield Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7493-AYMR4T-14.pdf>

SWP Area Name:
MOE District:
City:
Longitude: 0
Latitude: 0

Site: *The Regional Municipality of Peel*
Mayfield Rd Brampton ON L6T 4B9

Database:
ECA

Approval No: 2387-63TNAQ
Approval Date: 2004-08-16
Status: Approved
Record Type: ECA
Link Source: IDS
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Mayfield Rd
Full Address:
Full PDF Link:

SWP Area Name:
MOE District:
City:
Longitude:
Latitude:

Site: *The Regional Municipality of Peel*
Mayfield Rd Brampton ON L6T 3Y3

Database:
ECA

Approval No: 6843-75WN48
Approval Date: 2007-08-10
SWP Area Name:
MOE District:

Status: Approved
Record Type: ECA
Link Source: IDS
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Mayfield Rd
Full Address:
Full PDF Link:

City:
Longitude:
Latitude:

Site: **The Regional Municipality of Peel**
Mayfield Rd Brampton ON L6T 3Y3

Database:
ECA

Approval No: 7236-6LRLZD
Approval Date: 2006-02-07
Status: Approved
Record Type: ECA
Link Source: IDS
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Mayfield Rd
Full Address:
Full PDF Link:

SWP Area Name:
MOE District:
City:
Longitude:
Latitude:

Site: **LAKESIDE GARDEN CENTRE (C#91761)**
R.R. #4, HEART LAKE ROAD BRAMPTON ON

Database:
PES

Licence No:
Detail Licence No:
Licence Type Code:
Licence Type: Vendor
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:
Region:
District:
County:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Oper Phone Area Cd:
Ext:
Oper Phone No:
Proponent Ext:

Site: **LAKESIDE GARDEN CENTRE (C#02/2002)**
RR 4, HEART LAKE RD BRAMPTON ON L6T 3S1

Database:
PES

Licence No: 01986
Detail Licence No: 23-01-01986-0
Licence Type Code: 23
Licence Type: Limited Vendor
Licence Class: 01
Licence Control: 0
Trade Name:
Post Office Box:
Lot:
Concession:
Region: 3
District:
County: 49

Operator Box:
Operator Class:
Operator No:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region: 3
Operator District:
Operator County: 49
Oper Phone Area Cd:
Ext:
Oper Phone No:
Proponent Ext:

Site: **0 MAYFIELD ROAD, BRAMPTON, ON L6V 2K6 Brampton ON**

Database:
RSC

Reg No: 214669
RA No:
RSC Type: Phase 1 RSC

Cert Date:
Cert Prop Use No:
Intended Prop Use: Residential

Curr Property Use:	Agricultural/Other	Nm of Qual. Person:	SIMON LAN
District Office:	Halton-Peel District Office	Stratified (Y/N):	
Date Submitted:	2014/10/15	Audit (Y/N):	
Date Ack:		Entire Leg Prop. (Y/N):	
Date Returned:		Accuracy Estimate:	
Restoration Type:		Telephone:	
Soil Type:		Fax:	
Criteria:		Email:	
CPU Issued Sect 1686:			
Asmt Roll No:	2110-070-009-16300-0000		
Prop. ID No:	14225-0055 (LT)		
Property Municipal Address:	0 MAYFIELD ROAD, BRAMPTON, ON L6V 2K6		
Mailing Address:			
Latitude & Longitude:			
UTM Coordinates:			
Consultant:			
Filing Owner:	STARBRIGHT HOLDINGS INC.		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=38761&fileName=BROWNFIELD-E.pdf		

--Details--

Document Heading:	Supporting Documents
Document Type:	Lawyer's letter consisting of a legal description of the property
Document Name:	Lawyers Letter.PDF
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=40827&fileName=Lawyers+Letter.PDF
Document Heading:	Supporting Documents
Document Type:	Certificate of Status
Document Name:	CertofStatus - Starbright.PDF
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=38755&fileName=CertofStatus+-+Starbright.PDF
Document Heading:	Supporting Documents
Document Type:	A Current plan of Survey
Document Name:	PlanofSurvey.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=40829&fileName=PlanofSurvey.pdf
Document Heading:	Supporting Documents
Document Type:	Phase 1 Conceptual Site Model
Document Name:	Phase One CSM.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=38753&fileName=Phase+One+CSM.pdf
Document Heading:	Supporting Documents
Document Type:	Table of Current and Past Property Use
Document Name:	TableofCandPUUses.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=38758&fileName=TableofCandPUUses.pdf
Document Heading:	Supporting Documents
Document Type:	Copy of any deed(s), transfer(s) or other document(s)
Document Name:	TransferDeed.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=38757&fileName=TransferDeed.pdf

Site: Ravi Transport Ltd<UNOFFICIAL>
Mayfield Rd, just W of Heart Lake Rd Brampton ON

Database:
SPL

Ref No: 2721-85UMVM
Site No:
Incident Dt:
Year:

Discharger Report:
Material Group:
Client Type:
Sector Type: Motor Vehicle

Incident Cause:	Pipe Or Hose Leak	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	15	Site Name:	TT accident<UNOFFICIAL>
Contaminant Name:	TRANSMISSION OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	30 L	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	
Nature of Impact:	Other Impact(s)	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:	Deferred Field Response	Site Geo Ref Accu:	
Dt MOE Arvl on Scn:	5/28/2010	Site Geo Ref Meth:	
MOE Reported Dt:	5/27/2010	Site Map Datum:	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	Land Spills		
Incident Reason:			
Incident Summary:	Ravi Transport Ltd: 75 L operating fluids to Rd		

Site: TRANSPORT TRUCK
MAYFIELD RD EAST OF KENNEDY RD MOTOR VEHICLE (OPERATING FLUID) BRAMPTON CITY ON

Database:
SPL

Ref No:	116688	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	8/3/1995	Client Type:	
Year:		Sector Type:	
Incident Cause:	TRUCK/TRAILER OVERTURN	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	21101
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND / WATER	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	WORKS
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	8/3/1995	Site Map Datum:	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	ERROR		
Incident Reason:			
Incident Summary:	TRANSPORT TRUCK: 135 L DIESEL TO WATERFILLED DITCH: CONTAINED BY WORKS		

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

Database:
SPL

Ref No:	1154-6MP5ZH	Discharger Report:	
Site No:		Material Group:	Chemicals
Incident Dt:	3/7/2006	Client Type:	
Year:		Sector Type:	other
Incident Cause:		Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	22	Site Name:	
Contaminant Name:	POTASSIUM HYDROXIDE SOLUTION	Site Address:	
Contaminant Limit 1:		Site District Office:	Halton-Peel
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	not provided	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Brampton

Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	3/7/2006	Site Map Datum:	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:			
Incident Summary:	Maritime Ontario - 3 L potassium hydroxide to ground.		

Site:	On Mayfield Rd. just east of Hurontario St. CONSTRUCTION SITE<UNOFFICIAL> Brampton ON	Database: SPL
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Ref No:	1750-6UMMSF	Discharger Report:	
Site No:		Material Group:	Oils
Incident Dt:	10/16/2006	Client Type:	
Year:		Sector Type:	Other Motor Vehicle
Incident Cause:		Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	13	Site Name:	ON MAYFIELD RD. JUST EAST OF HURONTARIO ST.
Contaminant Name:	HYDRAULIC OIL	Site Address:	ON MAYFIELD RD. JUST EAST OF HURONTARIO ST.
Contaminant Limit 1:		Site District Office:	Halton-Peel
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	100 L	Site Region:	
Environment Impact:	Possible	Site Municipality:	Brampton
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	10/16/2006	Site Map Datum:	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	Equipment Failure		
Incident Summary:	Brampton: Spill of DSL impacting Creek(unknown name)		

Site:	lot 18 ON	Database: WWIS
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Well ID:	6714474	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	6/20/2003
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2663
Casing Material:		Form Version:	1
Audit No:	257922	Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	PEEL TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	018
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10542319	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	
Code OB Desc:	Overburden	Org CS:	
Open Hole:		North83:	
Cluster Kind:		UTMRC:	9
Date Completed:	10-JUN-03	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock**Materials Interval**

Formation ID:	932922168
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	14
Other Materials:	HARDPAN
Formation Top Depth:	68
Formation End Depth:	145
Formation End Depth UOM:	ft

Formation ID:	932922167
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Other Materials:	HARDPAN
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	68
Formation End Depth UOM:	ft

Formation ID:	932922170
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	183
Formation End Depth:	190
Formation End Depth UOM:	ft

Formation ID:	932922166
Layer:	1
Color:	8
General Color:	BLACK

Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Formation ID: 932922169
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 145
Formation End Depth: 183
Formation End Depth UOM: ft

Formation ID: 932922171
Layer: 6
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 190
Formation End Depth: 195
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933240232
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 966714474
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11090889
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930779174
Layer: 1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 195
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996714474
Pump Set At:
Static Level: 50
Final Level After Pumping: 54
Recommended Pump Depth: 120
Pumping Rate: 16
Flowing Rate:
Recommended Pump Rate: 16
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934875227
Test Type: Draw Down
Test Duration: 45
Test Level: 54
Test Level UOM: ft

Pump Test Detail ID: 934350768
Test Type: Draw Down
Test Duration: 15
Test Level: 54
Test Level UOM: ft

Pump Test Detail ID: 934614215
Test Type: Draw Down
Test Duration: 30
Test Level: 54
Test Level UOM: ft

Pump Test Detail ID: 935136286
Test Type: Draw Down
Test Duration: 60
Test Level: 54
Test Level UOM: ft

Water Details

Water ID: 934036121
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 195
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Up to Sep 2017

Abandoned Mine Information System:

Provincial

AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private

ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

AUWR

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

Government Publication Date: 1999-Jul 31, 2018

Borehole:

Provincial

BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial

CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-Jul 31, 2018

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 2012 - Apr 2018

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Apr 2018

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Jul 31, 2018

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-Nov 30, 2017

Dry Cleaning Facilities:

Federal

DRYCLEANERS

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

Government Publication Date: Jan 2004-Dec 2016

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Jul 31, 2018

Environmental Registry:

Provincial

EBR

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

Government Publication Date: 1994-Jul 31, 2018

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Oct 2011-Jul 31, 2018

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Feb 28, 2018

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

EXP

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-May 2018

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-December 31, 2017

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:Provincial [INC](#)

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:Provincial [LIMO](#)

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:Private [MINE](#)

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

Government Publication Date: 1998-2009*

Environmental Penalty Annual Report:Provincial [MISA PENALTY](#)

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2017

Mineral Occurrences:Provincial [MNR](#)

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

Government Publication Date: 1846-Jan 2018

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:Provincial [NCPL](#)

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

Government Publication Date: Dec 31, 2016

National Defense & Canadian Forces Fuel Tanks:Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the 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-Mar 31, 2018

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-April 30, 2018

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Jul 31, 2018

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: 1988-Mar 2018

TSSA Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994-Jul 31, 2018

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2018

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Jul 31, 2018

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

Government Publication Date: 1988-May 2018

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Jul 31, 2018

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

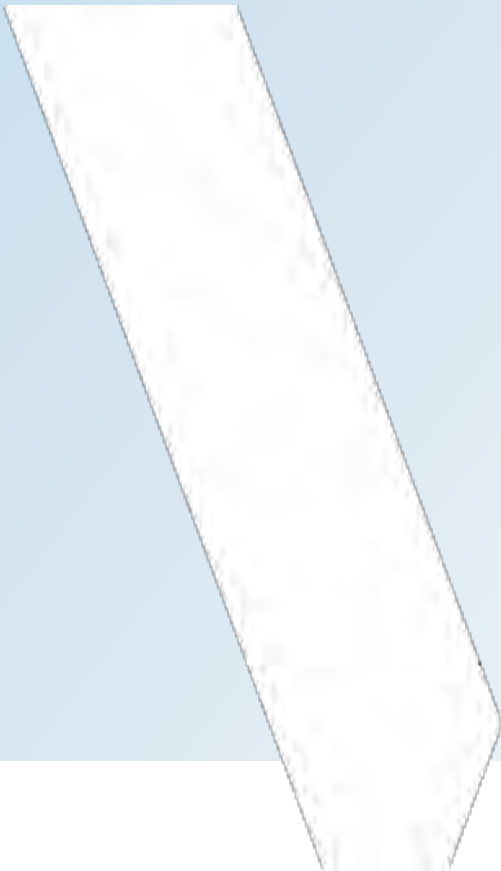
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number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

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

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


APPENDIX

B MECP FOI AND TSSA REQUESTS



Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Michael Wilson WSP Canada Inc 51 Constellation Court Toronto, Ontario M9W 1K4 Email Address: michael.wilson@WSP.com			FOI Request No.	Date Request Received
			Fee Paid \$ ~ ACCT ~ CHQ ~ VISA/MC ~ CASH	
Telephone/Fax Nos. Tel 416-798-0065 Fax 416-798-0518	Your Project/Reference No. 181-12470-00	Signature of Requester 	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) Part Lot 18, Concession 3 EHS (Ching) designated as Part 6, 43R-28374 and Part 18, Plan 43R-28173; Save and Except Part 5, Plan 43-R28374, Part 9, Plan 43-R29837 and Part 1, Plan 43-R30950, Caledon (PIN #41235-1724) Present Property Owner(s) and Date(s) of Ownership Heart Lake Gardens Inc. Previous Property Owner(s) and Date(s) of Ownership N/A Present/Previous Tenant(s), (if applicable) N/A				
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.			Specify Year(s) Requested	
Environmental concerns (General correspondence, occurrence reports, abatement)			all years	
Orders			all years	
Spills			all years	
Investigations/prosecutions ▶ Owner and tenant information must be provided			all years	
Waste Generator number/classes			all years	
Certificates of Approval ▶ Proponent information must be provided 1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions			X	all years
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)			X	all years
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations			X	all years
waste water - industrial discharge			X	all years
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites			X	all years
waste systems	- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction		X	all years
pesticides - licenses			X	all years

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

Wilson, Mike

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Tuesday, September 04, 2018 1:38 PM
To: Wilson, Mike
Subject: RE: Fuel Tank Search

No Records Found

Hello,

Thank you for your request for confirmation of public information.

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

For copies of documents, please complete the Release of Public Information form, found at <https://www.tssa.org/en/about-tssa/resources/Release-of-Records-form--Jan-2018Final.pdf> and email the completed form to publicinformationsservices@tssa.org or through mail along with the appropriate fee. TSSA's fee schedule can be found at: https://www.tssa.org/en/about-tssa/resources/Documents/Public-Information-Fee-Schedule_Jan_2018.pdf. Fees are payable with a credit card (Visa or MasterCard) or by 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.

Kind regards,

Connie

From: Wilson, Mike <Michael.Wilson@wsp.com>
Sent: August 30, 2018 4:34 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Fuel Tank Search

Hello,

Can you please search your records for the following properties:

-12109 Heart Lake Road, Brampton, ON
-12191 Heart Lake Road, Brampton, ON
-12211 Heart Lake Road, Brampton, ON
-12210 Heart Lake Road, Brampton, ON
-12179 Heart Lake Road, Brampton, ON
-4045 Mayfield Road, Brampton, ON
-4137 Mayfield Road, Brampton, ON

Regards,

Michael Wilson, C.E.T.
Project Manager
Environment



T+ 1 647-730-7053
M+ 1 437-333-8350

51 Constellation Court
Toronto, Ontario,
M9W 1K4 Canada

wsp.com

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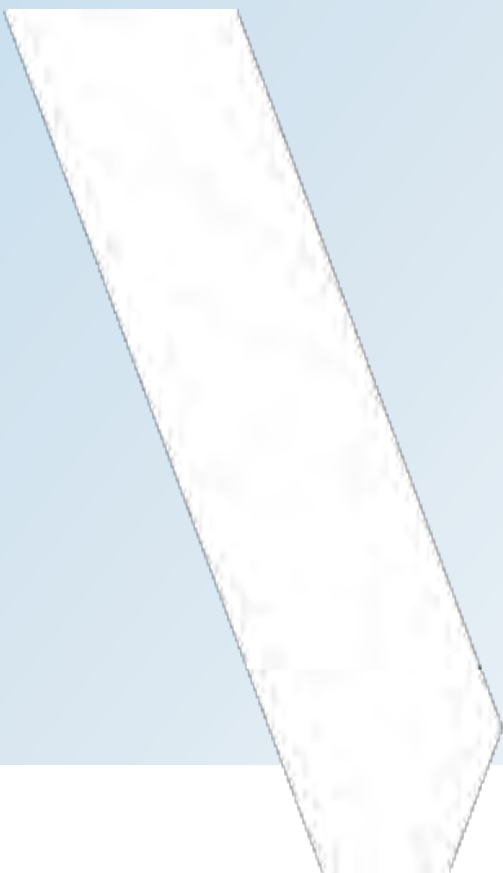
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APPENDIX

C AERIAL PHOTOGRAPHS






51 CONSTELLATION COURT
TORONTO, ONTARIO CANADA M9W 1K4
TEL.: 416-798-0065 | FAX: 416-798-0518 | WWW.WSP.COM

Client:	Coscorp. Inc.		Project No.:	161-07400-01	
Title:	DIGITAL COUNTY ATLAS: 1878		Drawn:	MW	Approved: MB
Project:	Phase One Environmental Site Assessment 0 Heart Lake Road, Caledon, Ontario		Date:	Sept 2018	Scale: 1:3000
Discipline:	ENVIRONMENTAL		Original Size:	Letter	Drawing No.: 1



<div></div> <div>51 CONSTELLATION COURT TORONTO, ONTARIO CANADA M9W 1K4 TEL.: 416-798-0065 FAX: 416-798-0518 WWW.WSP.COM</div>	Client: Coscorp. Inc.		Project No.: 161-07400-01	
	Title: AERIAL PHOTOGRAPH: 1954		Drawn: MW	Approved: MB
	Project: Phase One Environmental Site Assessment 0 Heart Lake Road, Caledon, Ontario		Date: Sept 2018	Scale: As Shown
	Discipline: ENVIRONMENTAL		Original Size: Letter	Drawing No.: 2



51 CONSTELLATION COURT
TORONTO, ONTARIO CANADA M9W 1K4
TEL.: 416-798-0065 | FAX: 416-798-0518 | WWW.WSP.COM

Client:	Coscorp Inc.	Project No.:	161-07400-01
Title:	AERIAL PHOTOGRAPH: 1994	Drawn: MW	Approved: MB
Project:	Phase One Environmental Site Assessment 0 Heart Lake Road, Caledon, Ontario	Date: Sept 2018	Scale: As Shown
Discipline:	ENVIRONMENTAL	Original Size: Letter	Drawing No.: 3



51 CONSTELLATION COURT
TORONTO, ONTARIO CANADA M9W 1K4
TEL.: 416-798-0065 | FAX: 416-798-0518 | WWW.WSP.COM

Client:	Coscorp Inc.		Project No.:	161-07400-01	
Title:	AERIAL PHOTOGRAPH: 2004		Drawn:	MW	Approved: MB
Project:	Phase One Environmental Site Assessment 0 Heart Lake Road, Caledon, Ontario		Date:	Sept 2018	Scale: As Shown
Discipline:	ENVIRONMENTAL		Original Size:	Letter	Drawing No.: 4



51 CONSTELLATION COURT
TORONTO, ONTARIO CANADA M9W 1K4
TEL.: 416-798-0065 | FAX: 416-798-0518 | WWW.WSP.COM

Client:	Region of Peel		Project No.:	161-07400-01	
Title:	AERIAL PHOTOGRAPH: 2014		Drawn:	MW	Approved: MB
Project:	Phase One Environmental Site Assessment 0 Heart Lake Road, Caledon, Ontario		Date:	Sept 2018	Scale: As Shown
Discipline:	ENVIRONMENTAL		Original Size:	Letter	Drawing No.: 5

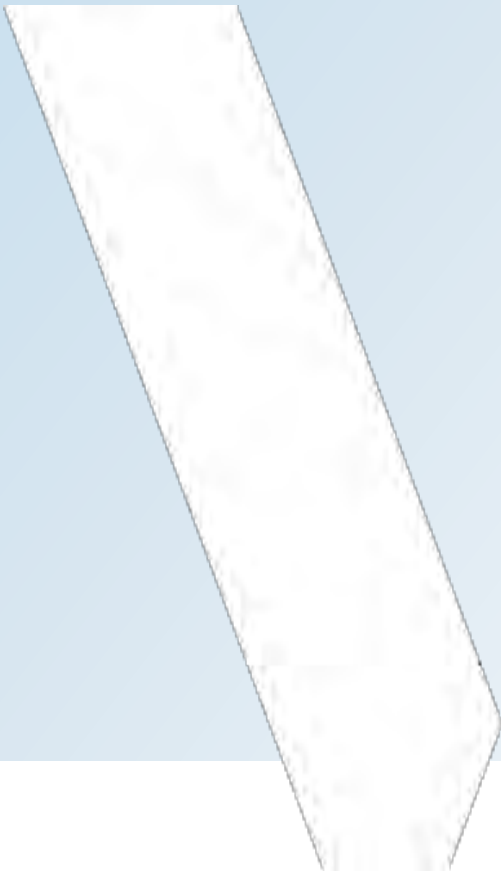


51 CONSTELLATION COURT
TORONTO, ONTARIO CANADA M9W 1K4
TEL.: 416-798-0065 | FAX: 416-798-0518 | WWW.WSP.COM

Client:	Region of Peel	Project No.:	161-07400-01
Title:	AERIAL PHOTOGRAPH: 2017	Drawn: MW	Approved: MB
Project:	Phase One Environmental Site Assessment 0 Heart Lake Road, Caledon, Ontario	Date: Sept 2018	Scale: As Shown
Discipline:	ENVIRONMENTAL	Original Size: Letter	Drawing No.: 6

APPENDIX

D SITE PHOTOGRAPHS





1. View of Phase One Property, facing south



2. View Phase One Property, facing east



3. View of corn crops on Phase One Property, facing east



4. View of north adjoining residential house, facing east



5. View of south adjoining residential house, facing south



6. View of construction activities on west neighboring property, facing west