



**REPORT ON
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
1583 CORMACK CRESCENT
MISSISSAUGA, ONTARIO**

**REPORT NO. : 4553-17-EA
REPORT DATE : NOVEMBER 13, 2017**

**PREPARED FOR
ELM (CORMACK) 2017 INC.
1931 HIGHWAY 7 CONCORD,
ONTARIO
L4K 1V5**

**110 KONRAD CRESCENT, UNIT 16, MARKHAM, ONTARIO L3R 9X2
TEL.: 905-940-8509 FAX: 905-940-8192**



Table of Contents

1. EXECUTIVE SUMMARY.....	1
2. INTRODUCTION.....	5
2.1. Phase One Property Information.....	5
2.2. Site Description.....	5
2.3. Legal Description.....	6
2.4. Adjacent and Surrounding Areas.....	6
2.5. General Hydrogeology.....	7
2.6. Property Use.....	7
3. SCOPE OF INVESTIGATION.....	8
4. RECORDS REVIEW.....	9
4.1. General.....	9
4.1.1. Phase One Study Area Determination.....	9
4.1.2. First Developed Use Determination.....	9
4.1.3. Fire Insurance Plans (FIP).....	9
4.1.4. Chain of Title.....	9
4.1.5. Environmental site assessment reports and other reports.....	10
4.2. Environmental Source Information.....	10
4.2.1. City Directories.....	10
4.2.2. EcoLog ERIS Databases.....	10
4.2.3. Ministry of Environment and Climate Change- Freedom of Information (MOE FOI).....	14
4.2.4. Technical Standards & Safety Authority (TSSA).....	14
4.3. Physical Setting Sources.....	15
4.3.1. Aerial Photographs	15
4.3.2. Topography, Hydrology, and Geology.....	15
4.3.2.1. Site Drainage.....	15
4.3.2.2. Groundwater Flow.....	15
4.3.2.3. Topography of Phase One Study Area.....	16
4.3.2.4. Physiography and Geology of Phase One Study Area.....	16
4.3.3. Fill Materials.....	16
4.3.4. Water Bodies and Area of Natural Significance.....	16
4.3.5. Well Records.....	16
4.3.5.1. Bedrock.....	17
4.4. Site Operating Records.....	17
5. INTERVIEW.....	19
5.1. Purpose.....	19
5.2. Content.....	19
5.3. Methodology.....	19
5.4. Limitations - Interview.....	19
5.5. Interview Participants.....	19
5.5.1. Site Personnel.....	19



5.5.2. Third Parties.....	20
5.5.3. Government Officials.....	20
6. SITE RECONNAISSANCE.....	21
6.1. General.....	21
6.1.1. Date and Time of Investigation.....	21
6.1.2. Weather Conditions.....	21
6.1.3. Length of Time of Investigation.....	21
6.1.4. Methodology.....	21
6.1.5. Facility Operation.....	21
6.1.6. Name and Qualifications of Investigators.....	21
6.1.7. Limitations – Site Reconnaissance.....	22
6.1.8. Photographs.....	22
6.2. Specific Observations at Phase One Property.....	22
6.2.1. General Site Features.....	22
6.2.1.1. Surface Structures.....	22
6.2.1.2. Subsurface Structures.....	22
6.2.1.3. Roads, Parking Facilities, and Rights of Way.....	22
6.2.1.4. Exterior.....	23
6.2.1.5. Interior.....	23
6.2.2. Utilities.....	23
6.2.3. Enhanced Investigation Property.....	23
6.2.3.1. General.....	23
6.2.3.2. Site Operations.....	23
6.2.3.3. Hazardous Materials.....	24
6.2.3.4. Products Manufactured.....	24
6.2.3.5. By-Products and Wastes.....	24
6.2.3.6. Raw Materials – Handling and Storage.....	24
6.2.3.7. Drums, Totes and Bins.....	24
6.2.3.8. Separators – Oil/Water.....	25
6.2.3.9. Maintenance Areas – Vehicle/Equipment.....	25
6.2.3.10. Spills.....	25
6.2.3.11. Drains, Pits and Sumps - Liquid Discharge Points.....	25
6.2.3.12. Hydraulic Equipment – Elevators, Hoists, Docks.....	25
6.2.4. Unidentified Substances.....	25
6.2.5. Storage Tanks.....	25
6.2.5.1. Aboveground Storage Tanks (ASTs).....	25
6.2.5.2. Underground Storage Tanks (USTs).....	25
6.2.6. Odours.....	25
6.2.7. Potable Water Supply.....	26
6.3. Interior Observations.....	26
6.3.1. Heating and Cooling Systems.....	26
6.3.2. Stains.....	26



6.4. Exterior Observations.....	26
6.4.1. Surface Cover.....	26
6.4.2. Railway Evidence.....	26
6.4.3. Topographic, Geologic, and Hydrogeologic Conditions.....	26
6.4.4. Site Drainage.....	26
6.4.5. Wells.....	27
6.4.6. Sewage Disposal.....	27
6.4.7. Waste Water.....	27
6.4.8. Pits and Lagoons.....	27
6.4.9. Stained Materials.....	27
6.4.10. Stressed Vegetation.....	27
6.4.11. Fill and Debris Material.....	27
6.4.12. Unidentified Substances.....	27
6.4.13. Watercourses, Ditches, or Standing Water.....	27
6.4.14. Potential Contaminating Activity (PCA) at Site.....	28
6.4.15. Site Reconnaissance – Phase One Study Area.....	28
6.4.15.1. Observation of Adjacent Properties.....	28
6.4.15.2. Observation of Study Area.....	28
6.4.15.3. Potentially Contaminating Activity – Study Area.....	29
6.4.15.4. Water Bodies.....	29
6.4.15.5. Areas of Natural Significance.....	29
6.5. Written Description of Investigation.....	29
6.5.1. Details of Investigation.....	29
6.5.2. Findings of Investigation.....	29
7. REVIEW AND EVALUATION OF INFORMATION AND FINDINGS.....	30
7.1. Current and Past Uses at the Site	30
7.2. Potentially Contaminating Activity (PCA).....	30
7.3. Areas of Potential Environmental Concern (APEC).....	31
7.4. Phase One Conceptual Site Model.....	32
8. CONCLUSIONS.....	35
8.1. Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted.....	35
8.1.1. Discussion.....	35
8.1.2. Data Sources.....	35
8.2. Record of Site Condition Based on Phase One Environmental Site Assessment Alone.....	35
8.3. Deviations.....	35
8.4. Limitations – Phase One ESA.....	35
8.5. Participants.....	36
8.6. Company Qualifications.....	36
8.7. Certification.....	37
9. REFERENCES.....	38



Toronto Inspection Ltd.

10. GENERAL STATEMENT OF LIMITATION.....	39
--	----

APPENDICES

Appendix A	Figure No. 1 : Site Location Map Figure No. 2 : Phase One Conceptual Model - PCA Locations Figure No. 3 : APEC Locations Survey Plan
Appendix B	Site Photographs
Appendix C	Fire Insurance Maps / Historical Maps (not included)
Appendix D	Chain of Title
Appendix E	Past Occupancy Records – City Directories
Appendix F	Aerial Photographs
Appendix G	Topographic Map
Appendix H	Freedom of Information
Appendix I	TSSA Correspondence
Appendix J	Ecolog ERIS Report



Toronto Inspection Ltd.

left blank for notes



Toronto Inspection Ltd.

1. EXECUTIVE SUMMARY

Toronto Inspection Ltd. was retained by Elm (Cormack) 2017 Inc. (the Client) to conduct a Phase One Environmental Site Assessment (Phase One ESA) for the property having municipal addresses of 1583, 1587 Cormack Crescent in Mississauga, Ontario (hereafter, referred to as 'the Site'). The Phase One ESA was conducted in accordance to Ontario Regulation 153/04, as amended, Records of Site Condition – Part XV.1 of the Environmental Protection Act, (O. Reg. 153/04, as amended).

Client contact information is provided below :

Elm (Cormack) 2017 Inc.
1931 Highway 7 Concord
Ontario
L4K 1V5

The purpose of this Phase One ESA is to identify potential environmental impacts due to historical activities within and around the Site and to support filing a Record of Site Condition (RSC).

The Site, having an area of approximately 8,630 m², is located on the east side of Cormack Crescent, approximately 170 m south of South Service Road in Mississauga, Ontario. It should be noted that Cormack Crescent is assumed in a north-south orientation in this report.

The Site is developed with a two-storey dwelling in the western portion of the Site and a single-storey building in the central portion of the Site. A playground covered with vegetation and landscaped areas are present in the eastern and western sides of the buildings. A wooded lot is present at the eastern portion. An asphalt paved parking area and driveway are present in the western portion of the Site.

At the time of the Phase One ESA, the two-storey dwelling is the property owner's private residence and the single-storey building is occupied by Star Academy, a private school. Thus, the current property use is considered as residential and institutional. Future land use will consist of residential homes, i.e. Residential land use.

Groundwater is expected to be towards a tributary of Etobicoke Creek located approximately 450m in a southerly to southeasterly direction.

According to 1878 County Atlas, the vicinity of the Phase One Property was listed under John Watson. The first available aerial image of 1954 indicated that the western portion of the Site was occupied by two structures and the eastern portion of the Site consisted of an orchard. According to City of Mississauga Property Information website, the first listing for municipal addresses of 1583 and 1587 Cormack Crescent were in 1969, related to an addition, plumbing and drain permits. Thus, the Site was likely developed between 1878 and 1954.

Based on the information obtained through records review, interview, and visual observations during site reconnaissance, the Phase One ESA has revealed the following Potentially Contaminating Activities (PCAs) within the Site and Phase One Study Area.

Location	Source	Environmental Concern	O. Reg. PCA*	APEC onto Site
1583, 1587 Cormack Cres Onsite	AP	– Presence of former orchard where pesticides may have been used	40	Yes
	AP	– Presence fill material at the location of former structure(s), northeast of the existing dwelling	30	Yes
	AP	– Presence of potential former fuel sources, including fuel oil, at the former structure(s)	28	Yes
1587 Cormack Cres Onsite	AP, SR	– Presence of potential fuel oil tank in existing dwelling	28	Yes
1617 Cormack Crescent Approximately 75m north of Site	EcoLog	– Spillage of 40L to 118L of transformer oil (PCB and non-PCB) onto the ground by Enersource Hydro Mississauga Inc. in 2007 and 2014. According to the incident report, soil contamination was confirmed.	55	No. This property is occupied by an animal clinic. The PCB spill is likely associated with a former transformer. Due to small nature of spill and distance of 45m to 75m, environmental concern onto subject site is not anticipated.
1635 Cormack Crescent Approximately 165m north of Site	SR	– Presence of an AST in a construction site	28	No. Due to the considerable distance from the Site.

Location	Source	Environmental Concern	O. Reg. PCA*	APEC onto Site
QEW Eastbound at Dixie Road Bridge Approximately 185m northwest of Site	EcoLog	– 8/29/1990: A spill of 250L of diesel to the highway from a ruptured saddle tank of a dump truck. According to the incident report, environmental impact was possible	28	No. Due to the considerable distance from the Site.

*Ontario Regulation 153/04, as amended, Records of Site Condition – Part XV.1 of the Act, Table 2 : Potentially Contaminating Activities

AP : Aerial Photographs; EcoLog : EcoLog ERIS report; SR : Site Reconnaissance

Identified PCAs are presented in Figure No. 2.

Based on identified PCAs, the following Areas of Potential Environmental Concern were identified within the Phase One Property :

APEC	Location of APEC	Source of APEC
APEC-1	Entire Site	– Presence of former orchard where pesticides may have been used
APEC-2	Entire Site	– Presence of unknown quality of fill material
APEC-3	Northeast of existing dwelling	– Presence of potential former fuel sources, including fuel oil, at the former structure(s)
APEC-4	North side of existing dwelling	– Presence of potential fuel oil tank in existing dwelling

Identified Areas of Potential Environmental Concern (APECs) with Contaminants of Concern within the site are summarized below :

Area of potential environmental concern	Location of area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminant of potential concern	Media potentially impacted (Groundwater, soil and/or sediment)
APEC-1	Entire Site	PCA#40 : Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing,	on-site	OC Pesticides, Metals	Soil

Area of potential environmental concern	Location of area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminant of potential concern	Media potentially impacted (Groundwater, soil and/or sediment)
		Processing, Bulk Storage and Large-Scale Applications			
APEC-2	Entire Site	PCA#30 : Importation of Fill Material of Unknown Quality	on-site	PAH, Metals, As, Sb, Se, Cr(VI), Hg, B-HWS	Soil
APEC-3	Northeast of existing dwelling	PCA#28 : Gasoline and Associated Products Storage in Fixed Tanks	on-site	PHC, VOC, PAH	Soil
APEC-4	North side of existing dwelling	PCA#28 : Gasoline and Associated Products Storage in Fixed Tanks	on-site	PHC, VOC, PAH	Soil

Identified APECs are presented in Figure No. 3.

Based on records review and site reconnaissance of the Site and Study Area, and interviews conducted during this Phase One ESA, Areas of Potential Environmental Concern (APEC) have been identified on the Site. It is *Toronto Inspection Ltd.* opinion that a Phase Two Environmental Site Assessment will be required before a Record of Site Condition is submitted.



Toronto Inspection Ltd.

2. INTRODUCTION

Toronto Inspection Ltd. was retained by Elm (Cormack) 2017 Inc. (the Client) to conduct a Phase One Environmental Site Assessment (Phase One ESA) for the property having municipal addresses of 1583, 1587 Cormack Crescent in Mississauga, Ontario (hereafter, referred to as 'the Site'). The Phase One ESA was conducted in accordance to Ontario Regulation 153/04, as amended, Records of Site Condition – Part XV.1 of the Environmental Protection Act, (O. Reg. 153/04, as amended), under the direct supervision of a Qualified Person, Rakesh Koneru P.Eng..

Client contact information is provided below :

Elm (Cormack) 2017 Inc.
1931 Highway 7
Concord, Ontario
L4K 1V5

Contact : David Osypowich
Tel : 905 709 8232 ext 25
Email : d.osypowich@elmdevelopments.com

2.1. Phase One Property Information

Municipal Address : 1583, 1587 Cormack Crescent, Mississauga, Ontario L5E 2P8
Property Coordinates (centroid) : Zone 17 E 615759, N 4828012
Current Land Use : Residential and Commercial
Proposed Land Use : Residential

A legal survey stamped by an Ontario Land Surveyor will be required for area and legal description of the Phase One Property.

2.2. Site Description

The Site, having an area of approximately 8,630 m², is located on the east side of Cormack Crescent, approximately 170 m south of South Service Road in Mississauga, Ontario. It should be noted that Cormack Crescent is assumed in a north-south orientation in this report.

The Site is developed with a two-storey dwelling in the western portion of the Site and a single-storey building in the central portion of the Site. A playground covered with vegetation and landscaped areas are present in the eastern and western sides of the buildings. A wooded lot is present at the eastern portion. An asphalt paved parking

area and driveway are present in the western portion of the Site. An aerial view of the Phase One property is presented in Image No. 1.



Image No. 1 : 2016 Aerial image of RSC Property from City of Mississauga Interactive Map

2.3. Legal Description

To be obtained from a legal survey and lawyers letter prior to submission of a Record of Site Condition.

2.4. Adjacent and Surrounding Areas

The Site is bounded to the north by a vacant parcel of land (1597 Cormack Crescent); to the southwest by a vacant parcel of land with two trailers (1569 Cormack Crescent); to the southeast by three residential buildings (1562, 1565, 1503 Edencrest Drive); to



Toronto Inspection Ltd.

the east by two residential buildings (1572 and 1580 Marionville Drive); and to the west by Cormack Crescent.

The surrounding areas consist of commercial and residential developments.

2.5. General Hydrogeology

Groundwater is expected to be towards a tributary of Etobicoke Creek located approximately 450m in a southerly to southeasterly direction.

2.6. Property Use

At the time of the Phase One ESA, the two-storey dwelling is the property owner's private residence and the single-storey building is occupied by Star Academy, a private school. Thus, the current property use is considered as residential and institutional. Future land use will consist of residential homes, i.e. Residential land use.

3. SCOPE OF INVESTIGATION

The purpose of this Phase One ESA is to identify potential environmental impacts due to historical activities within and around the Site and to support filing a Record of Site Condition (RSC). The scope of work of this Phase One ESA was to develop a determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One property by :

- obtaining and conducting a review of reasonably accessible records pertaining to the current and/or past uses of the Site and within the Phase One study area including
 - Fire Insurance Plans,
 - City Directories,
 - Previous Environmental Reports,
 - EcoLog ERIS database report,
 - Aerial imagery,
 - Topographic maps,
 - Freedom of Information office,
 - Technical and Standards Safety Authority,
 - Available Site Operation Records,
- conducting interviews with personnel having knowledge of on-site activities and operations, including former tenants/owners, as deemed possible,
- conducting a site visit to document the current activities on site,
- evaluating the above information to identify and determine Potentially Contaminating Activity (PCA) on the site, adjacent properties and within the Study Area, that may potentially cause Areas of Potential Environmental Concern (APEC) within the Site
- preparing a Phase One ESA report, incorporating the findings.

4. RECORDS REVIEW

A comprehensive records research was conducted to determine if area(s) of actual and potential environmental concern exist on the Site and within the Phase One study area. Details of the findings are provided in the following sections.

4.1. General

4.1.1. Phase One Study Area Determination

Records review indicated that there was no waste disposal site, coal/tar processing or using site or former gas manufacturing plant within 1km of the subject Site. Beyond 250m to the north in an up-gradient orientation, are residential properties, to a distance of 1km, beyond which is a commercial/industrial zone. Therefore, a distance of 250m from the Site boundary was established as the Phase One study area. The Site and Phase One Study Area are presented in Figure No. 1.

4.1.2. First Developed Use Determination

According to 1878 County Atlas, the vicinity of the Phase One Property was listed under John Watson. The first available aerial image of 1954 indicated that the western portion of the Site was occupied by two structures and the eastern portion of the Site consisted of an orchard. According to City of Mississauga Property Information website, the first listing for municipal addresses of 1583 and 1587 Cormack Crescent were in 1969, related to an addition, plumbing and drain permits. Thus, the Site was likely developed between 1878 and 1954.

4.1.3. Fire Insurance Plans (FIP)

A search for Fire Insurance Plans for the Site was conducted at Toronto Reference Library (Catalogue of Canadian Fire Insurance Plans 1875-1975) and on the internet (Toronto Library website). No Fire Insurance Plans were available for the Site and the Phase One Study Area.

4.1.4. Chain of Title

A chain of title to Crown Patent will be researched prior to submission of Record of Site Condition.

4.1.5. Environmental site assessment reports and other reports

No previous environmental reports were provided to *Toronto Inspection Ltd.* for review at the time of the Phase One ESA.

4.2. Environmental Source Information

4.2.1. City Directories

Halton Peel Regions ON. Criss-Cross Directory, Might's Suburban Metro Toronto Criss Cross Directory, and Suburban Metro Toronto Criss-Cross Directory were available for review at the Toronto Reference Library.

Listings for the Site are summarized below :

Table 4.2.1-1 : Directory Listings for Subject Site

Address/Orientation	Listing Information	PCA/APEC
Listings for the Site		
1583 Cormack Crescent On Site	1995-2001: Residential 1967-1990: Ochitwa P Dr.	Not considered a PCA

The City Directory listings for the surrounding areas, within 250m from the Site boundary, indicated commercial and residential land usage. The listings were primarily residential to the north, east and south. To the west was Dixie Mall with commercial and retail listings. No listings of environmental concern were identified. Complete listings are provided in Appendix E.

4.2.2. EcoLog ERIS Databases

Toronto Inspection Ltd. requested a complete environmental database search from Ecolog ERIS Ltd.. The Environmental Risk Information Service (ERIS) database includes MOE- Inventory of Coal Gasification Plant Waste Sites (June 1991), Ministry of Environment (MOE) – Polychlorinated Biphenyls (PCB) Inventory (2003), MOE – National Pollutant Release Inventory (NPRI) (2010), MOE – Waste Disposal Site Inventory (June 1991), Brownfields Environmental Site Registry and several other federal, provincial and private databases that are frequently updated by Ecolog ERIS Ltd.. The complete Ecolog ERIS report is included in Appendix J. A summary of findings in the databases is provided in Table 4.2.2-1.

Table 4.2.2-1 : Summary of Listings at Site and Within Study Area

Database / Name	Subject Site	Within 250m (Study Area)
AAGR / Abandoned Aggregate Inventory	-	-
AGR / Aggregate Inventory	-	-
AMIS / Abandoned Mine Information System	-	-
ANDR / Anderson's Waste Disposal Sites	-	-
AUWR / Automobile Wrecking & Supplies	-	-
BORE / Borehole	-	4
CA / Certificates of Approval	-	3
CFOT / Commercial Fuel Oil Tanks	-	-
CHEM / Chemical Register	-	-
COAL / Inventory of Coal Gasification Plants and Coal Tar Sites	-	-
CONV / Compliance and Convictions	-	-
CPU / Certificates of Property Use	-	-
DRL / Drill Hole Database	-	-
EASR / Environmental Activity and Sector Registry	-	-
EBR / Environmental Registry	-	-
ECA / Environmental Compliance Approval	-	-
EEM / Environmental Effects Monitoring	-	-
EHS / ERIS Historical Searches	-	4
EIIS / Environmental Issues Inventory System	-	-
EXP / List of TSSA Expired Facilities	-	-
FCON / Federal Convictions	-	-
FCS / Contaminated Sites on Federal Land	-	-
FOFT / Fisheries & Oceans Fuel Tanks	-	-
FST / Fuel Storage Tank	-	-
FSTH / Fuel Storage Tank - Historic	-	-
GEN / Ontario Regulation 347 Waste Generators Summary	-	19
HINC / TSSA Historic Incidents	-	-
IAFT / Indian & Northern Affairs Fuel Tanks	-	-
INC / TSSA Incidents	-	-
LIMO / Landfill Inventory Management Ontario	-	-
MINE / Canadian Mine Locations	-	-

Database / Name	Subject Site	Within 250m (Study Area)
MNR / Mineral Occurrences	-	-
NATE / National Analysis of Trends in Emergencies System (NATES)	-	-
NCPL / Non-Compliance Reports	-	-
NDFT / National Defence & Canadian Forces Fuel Tanks	-	-
NDSP / National Defence & Canadian Forces Spills	-	-
NDWD / National Defence & Canadian Forces Waste Disposal Sites	-	-
NEES / National Environmental Emergencies System (NEES)	-	-
NPCB / National PCB Inventory	-	-
NPRI / National Pollutant Release Inventory	-	-
OGW / Oil and Gas Wells	-	-
OOGW / Ontario Oil and Gas Wells	-	-
OPCB / Inventory of PCB Storage Sites	-	-
ORD / Orders	-	-
PAP / Canadian Pulp and Paper	-	-
PCFT / Parks Canada Fuel Storage Tanks	-	-
PES / Pesticide Register	-	2
PINC / TSSA Pipeline Incidents	-	2
PRT / Private and Retail Fuel Storage Tanks	-	-
PTTW / Permit to Take Water	-	-
REC / Ontario Regulation 347 Waste Receivers Summary	-	-
RSC / Record of Site Condition	-	4
RST / Retail Fuel Storage Tanks	-	-
SCT / Scott's Manufacturing Directory	-	2
SPL / Ontario Spills	-	5
SRDS / Wastewater Discharger Registration Database	-	-
TANK / Anderson's Storage Tanks	-	-
TCFT / Transport Canada Fuel Storage Tanks	-	-
VAR/TSSA Variances for Abandonment of Underground Storage Tanks	-	-
WDS / Waste Disposal Sites - MOE CA Inventory	-	-
WDSH/Waste Disposal Sites - MOE 1991 Historical Approval Inventory	-	-
WWIS / Water Well Information System	-	12
Total	0	57

There were no ERIS historical search listings for the subject site and fifty-seven (57) listings were identified within the Study Area.

Listings within the Site and Ecolog ERIS properties of potential environmental interest, i.e. with Potentially Contaminating Activity (PCA) located within the Phase One Study Area are summarized in Table 4.2.2-2.

Table 4.2.2-2 : Summary of PCAs in Ecolog ERIS

Address/ Orientation	Listing Information	PCA/APEC
1617 Cormack Crescent Approximately 75m north of Site	<ul style="list-style-type: none"> – 5/28/2007: A spill of 50 gallons of transformer oil to the soil with unknown PCB content by Enersource Hydro Mississauga Inc. According to the incident report, environmental impact was confirmed. – 2014/06/25: A spill of 40L of PCB transformer oil (14ppm) to the road and catchbasin. According to the incident report, environmental impact was confirmed. – 2014/04/28: A spill of 118L of non PCB transformer oil to the ground. According to the incident report, environmental impact was confirmed. 	Presence of transformer is considered as PCA
1408 Rometown Drive Approximately 125m south of Site	<ul style="list-style-type: none"> – DD Smith Sales Ltd. was listed as a printing related activity 	Given that a review of the available aerial photographs indicated that the property was occupied by a residential house since 1950s, this property was likely used as a registered commercial address. Therefore, environmental concern is not anticipated from this listing.
QEW Eastbound at Dixie Road Bridge Approximately 185m northwest of Site	<ul style="list-style-type: none"> – 8/29/1990: A spill of 250L of diesel to the highway from a ruptured saddle tank of a dump truck. According to the incident report, environmental impact was possible 	Given the significant distance, this is not considered to cause an APEC onto the Site
West Bound Lane of the QEW, just East of Dixie Road Approximately 205m northwest of Site	<ul style="list-style-type: none"> – 12/20/1993: A spill of 400L of diesel to highway and land from fuel tank. According to the incident report, environmental impact was not anticipated. 	Given the significant distance, this is not considered to cause an APEC onto the Site

Furthermore, unplotable listings related to CA, CONV, and SPL databases were reviewed. Key highlights includes :

- SPL listings include several spillage incidents related to diesel and herbicide (38L to 150L) between 1990 and 2004 on the QEW. However, given the considerable distance between the QEW and the Site, environmental concern was not anticipated.
- SPL listings related to spillage of transformer oil in 2014 at Enersource Hydro Mississauga Inc. property. This is likely to be related to the Enersource Hydro Mississauga Inc. located at 1617 Cormack Crescent, approximately 45m north of Site. Therefore, this is considered a PCA and included in the table above.

Environmental concerns are not anticipated from other unplotable listings.

4.2.3. Ministry of Environment and Climate Change- Freedom of Information (MOE FOI)

Toronto Inspection Ltd. submitted a request to the MOECC Freedom of Information and Privacy Office to search their files for records pertaining to the Site. The request for the MOECC Freedom of Information is enclosed in Appendix H. Response from the MOECC office has not been received at the time this report was prepared. Upon receipt, *Toronto Inspection Ltd.* will review the information and forward to the client any environmentally significant information under a separate cover.

4.2.4. Technical Standards & Safety Authority (TSSA)

Technical Standards & Safety Authority (TSSA) was contacted to check their records for any fuel storage tanks that may have been present at the Site and the surrounding properties. An email correspondence (attached in Appendix G) from a TSSA representative, did not identify any fuel storage tanks at the Site and the surrounding properties.

It should be noted that the TSSA did not register private fuel aboveground storage tanks (ASTs) or USTs prior to January 1990 or furnace oil tanks prior to May 1, 2002. In addition, the TSSA does not register waste oil tanks in apartments, office buildings, residences etc. or aboveground gas or diesel tanks. The presence of fuel storage tanks was also investigated through EcoLog ERIS searches (Section 4.2.2), Site Reconnaissance (Section 6.2.5) and Interviews (Section 5).

4.3. Physical Setting Sources

4.3.1. Aerial Photographs

Aerial photographs and satellite images of selected years between 1956 and 2016 were available for review as part of the Phase One ESA. Relevant observations from the review of aerial photographs and satellite images are summarized in Table 4.3.1 below. A copy of these aerial photographs and satellite images are enclosed in Appendix F. It should be noted that observations of certain site features were precluded due to the poor resolution of the aerial photographs and/or satellite images.

Table 4.3-1: Observations From Review of Aerial Photographs

Year	Observations
1956, 1960, 1964, 1968, 1973, 1981, 1985, 1989, 1992, 2005, 2009, 2016	<p><u>Site</u></p> <p>The aerial photographs between 1956 and the mid-1960s indicated that the Site contained two structures in the western portion and an orchard in the eastern portion. One of the structures at the Site appeared to be demolished and only the remnants of the orchard were visible in the mid-1960s. The aerial photograph of 2005 indicated that an addition was developed to the southeast of the existing residential building and the existing school building was constructed in the central portion of the Site. The Site was similar to the present day configuration since 2005.</p> <p><u>Surrounding Area</u></p> <p>Aerial photographs and satellite images of selected years from 1956 to 2009 indicated that the adjacent and neighbouring properties consisted of a mix of residential and commercial developments. The satellite image of 2016 indicated that several residential buildings were developed in the properties to the south of the Site. The adjacent properties and surrounding areas of the Site were similar in configuration to the existing development.</p>

Sources: City of Mississauga Interactive Map website, Google Earth Application

4.3.2. Topography, Hydrology, and Geology

4.3.2.1. Site Drainage

The aerial photographs did not indicate ponds, swales or ditches around the Site. Surface drainage is expected to infiltrate into the landscaped areas within the Site and/or flow towards catch basins located within the Site.

4.3.2.2. Groundwater Flow

Based on the topographic map, Natural Resources of Canada – The Atlas of Canada – Toporama, groundwater flow is expected to be in the southerly to southeasterly direction towards Etobicoke Creek.

4.3.2.3. Topography of Phase One Study Area

A topographic map was available online from the website of Natural Resources of Canada – The Atlas of Canada – Toporama. In addition, a 2010 Ontario Base Map was provided by EcoLog ERIS. The Site is located at an approximate elevation of 105m above mean sea level. The contours indicated a down-gradient in the southeasterly direction towards a tributary of Etobicoke Creek. The topographic map and Ontario Base Map are appended in Appendix G.

4.3.2.4. Physiography and Geology of Phase One Study Area

Based on soils maps provided by EcoLog ERIS, the Phase One Study Area is situated within the Deltaic and Lacustrine deposits, with predominantly gravelly sand and silty sand deposits. The bedrock geology in the vicinity of the Study area is the Georgian Bay/Blue Mountain/Billings Formation (Collingwood/Eastview Member), generally consisting of shale, limestone, dolostone, and siltstone. The relevant maps are appended with the EcoLog ERIS report in Appendix J.

4.3.3. Fill Materials

No changes in topography were evident in the reviewed aerial photographs or the topographic map. However, given the age of development, fill material is expected and this represents an environmental concern.

4.3.4. Water Bodies and Area of Natural Significance

A tributary of Etobicoke Creek is located approximately 450m in a southerly to southeasterly direction from the Site. According to information from the City of Mississauga Official Plan Schedule 3 – Natural System, the Site and the Phase One Study Area were not located within any significant natural areas and natural green spaces, provincially significant wetlands, or areas of natural and scientific interest.

In addition, according to the Area of Natural & Scientific Interest (ANSI) information published by the Ontario Ministry of Natural Resources in March 2017, no ANSI is located within the Phase One Study Area.

4.3.5. Well Records

Well Records from the Water Well Information System (WWIS) database provided in Ecolog ERIS report are summarized below :

Well ID	Coordinates	Date Installed	Purpose	Soil Profile
7258153	E 615552 N 4827937	24-JUL-15	Monitoring	Topsoil to 0.9m, sand, silt to 6.1m, shale to 10.7m
7258152	E 615552 N 4827937	24-JUL-15	Monitoring	Topsoil to 0.9m, sand, silt to 1.5m
7224341	E 615656 N 4828178	14-JUL-14	Abandoned	-
7168822	E 615564 N 4828086	02-SEP-11	Monitoring	Sand, gravel to 15ft
7168823	E 615564 N 4828085	01-SEP-11	Monitoring	Sand, gravel to 15ft; shale to 81ft
7132894	E 615630 N 4827721	31-AUG-09	Test Hole	Sand, silt to 12ft
7258148	E 615426 N 4828019	24-JUL-15	Monitoring	Sand to 2.4m, shale to 10.7m

4.3.5.1. Bedrock

Based on the information in the WWIS database of the Ecolog ERIS report, the depth of bedrock in the vicinity of the study area is expected to be between approximately 2.4m and 6.2m below grade.

4.4. Site Operating Records

There was no garage, bulk liquid dispensing facility, dry cleaners or industrial use at the site. Therefore, the site is not considered an enhanced investigation property. Reviewed site operating records during this Phase One ESA are summarized below :

Table 4.4-1 : Summary of Site Operating Records

Record Type	Remarks	APEC Identified
Regulatory Permits	Not applicable.	Not applicable.
APEC Related Records		
Material Safety Data Sheets		
Underground Utility Drawings		
Chemical Inventories, Storage, Usage		
AST Inventory		
UST Inventory		
Environmental Monitoring Data		
Waste Management Records		



Toronto Inspection Ltd.

Record Type	Remarks	APEC Identified
Process, production and maintenance documents		
Spills, Discharges Records		
Emergency Response, Contingency Plan		
Environmental Audit Reports		
Site Plan		

5. INTERVIEW

5.1. Purpose

The purpose of the interview was to corroborate and/or augment the findings of the records review, and site reconnaissance.

5.2. Content

The content of the interview included questions pertaining to the current and past activities of the Site that may have an affect on its environmental conditions.

5.3. Methodology

An on-site Interview was conducted with persons having knowledge of site activities.

5.4. Limitations - Interview

None.

5.5. Interview Participants

5.5.1. Site Personnel

An on-site interview was conducted with Mr. Renato Bernardo (the Site owner since 2000) on January 24, 2017.

The current Site owner indicated that Site has been occupied by Star Academy (a private school) since 2000. According to Mr. Bernardo, the western portion of the Site contained a two-storey residential building and the central and eastern portions of the Site were vacant when he purchased the property. Mr. Bernardo indicated that the age of the residential building was unknown. However, an addition was developed to the southeast of the original residential building in circa 1998. The single-storey school building was constructed in 2001 and the school building consisted of offices, five classrooms, a gymnasium, a kitchen, an electrical room, three washrooms, and three general storage rooms.

According to Mr. Bernardo, domestic waste and recyclables generated at the Site were placed at the curbside to be collected and disposed off-site by the Region of Peel.



Toronto Inspection Ltd.

To Mr. Bernardo's knowledge, there were no aboveground or underground storage tanks at the Site and there were no spillages of chemical or petroleum-based product on the premises since he purchased the property.

5.5.2. Third Parties

No interview with government officials was conducted.

5.5.3. Government Officials

No interview with government officials was conducted.

6. SITE RECONNAISSANCE

6.1. General

6.1.1. Date and Time of Investigation

The site visit was conducted by Fanny Luk M.E.S., PMP of *Toronto Inspection Ltd.*. The Site and neighbouring properties were visited on January 24, 2017.

6.1.2. Weather Conditions

The weather was overcast at 0°C on January 24, 2017.

6.1.3. Length of Time of Investigation

1 hour on site and 1 hour for surrounding area.

6.1.4. Methodology

The Site visit included conducting a walk through of the subject Site in all accessible areas to document and photograph details pertinent to the Phase One requirements. Adjoining properties were visually observed from the boundaries of the subject site and publicly accessible areas.

6.1.5. Facility Operation

At the time of this Phase One ESA, the Site consisted of a two-storey residential building in the western portion of the Site and a single-storey building in the central portion of the Site. The single-storey building was occupied by Star Academy, a private school.

6.1.6. Name and Qualifications of Investigators

Fanny Luk, M.E.S., PMP, has been with Toronto Inspection Ltd since 2012. She has been trained in conducting Phase One and Two ESAs, and has completed numerous ESAs in the Greater Toronto Area. She has a Bachelor of Environmental Studies degree and a Masters of Environmental Studies degree from the University of Waterloo. She is a certified Project Management Professional.

Rakesh Koneru P.Eng. has been with *Toronto Inspection Ltd.* since 2002 and has been active in the field with QA/QC inspections, environmental investigations and remediation activities. He has completed several Phase One, Phase Two ESAs and

remediation cleanups in the Greater Toronto Area. He has a Bachelor of Science degree from Technical University of Budapest, Hungary and a Masters of Engineering Science degree from University of New South Wales, Australia. He is a registered Qualified Person with the Ministry of Environment in Ontario.

6.1.7. Limitations – Site Reconnaissance

No limitations were encountered during the site visit.

6.1.8. Photographs

Photographs taken during the site visit are included in Appendix B.

6.2. Specific Observations at Phase One Property

6.2.1. General Site Features

The Site is developed with a two-storey residential building with basement in the western portion of the Site and a single-storey building in the central portion of the Site. Asphalt paved parking areas and driveways are present in the western portion of the Site. Landscaped areas are present around the residential building, to the west of the school building, and in the eastern portion of the Site.

6.2.1.1. Surface Structures

The two-storey building, having a footprint of approximately 970m², is located in the central portion of the Site.

The single-storey building, having a footprint of approximately 135m², is located in the central portion of the Site.

6.2.1.2. Subsurface Structures

The two-storey residential building has a basement.

6.2.1.3. Roads, Parking Facilities, and Rights of Way

The Site is accessible on the west side via two asphalt-paved driveways from Cormack Crescent. Asphalt paved parking areas and driveways are present in the western portion of the Site.

6.2.1.4. Exterior

General construction features of the two-storey residential building includes bricks and siding on all elevations. Man doors are provided on the north and south elevations of the building.

General construction features of the single-storey building includes fluted concrete blocks on all elevations. Man doors are provided on all elevations of the building.

A storage shed is present in the north-central portion of the Site.

6.2.1.5. Interior

The interior of the building is partitioned into classrooms, offices, gymnasium, electrical room, equipment room, storage room, janitor's room, and washrooms. The building was generally finished with ceramic floor tiles, drywall partitions, and t-bar drop ceiling. The electrical room, equipment room, storage room, and janitor's room are generally unfinished and consisted of concrete floor and block walls. Lighting throughout the building generally consisted of fluorescent light fixtures.

Reportedly, the equipment room and storage room contained some snow removal and lawn maintenance equipment, and some power tools for occasional site maintenance activities.

6.2.2. Utilities

Natural gas mains are located on the north side of the two-storey residential building and on the west side of the single-storey building. Incoming hydro enters the buildings on the west elevation. Municipal water and sewer services are supplied from the west side of the Site.

6.2.3. Enhanced Investigation Property

6.2.3.1. General

There was no garage, bulk liquid dispensing facility, dry cleaners or industrial use at the Site. Therefore, the Site is not considered an enhanced investigation property.

6.2.3.2. Site Operations

At the time of the site visit, the two-storey building is the owner's private residence and the single-storey building is occupied by Star Academy, a private school.

6.2.3.3. Hazardous Materials

Hazardous materials identified at the site are summarized in Table 6.2.3.3-1.

Table 6.2.3.3-1 : Summary of Hazardous Materials Identified at the Subject Site

Material Type	Identified On Site	Remarks
Class A : Compressed Gas	None identified.	N/A
Class B : Flammable and Combustible Material	None identified.	N/A
	None identified.	N/A
Class C : Oxidizing Material	None identified.	N/A
Class D : Poisonous and Infectious Material	None identified.	N/A
Class E : Corrosive Material	Several jugs of cleaning supplies were identified in the janitor's room	The containers were observed in good condition. Given that no staining was identified on the floor in the vicinity of the containers, environmental concern is anticipated to be low.
Class F : Dangerously Reactive Materials	None identified.	N/A

6.2.3.4. Products Manufactured

No products are manufactured on the premises.

6.2.3.5. By-Products and Wastes

According to the owner, all waste such as office wastes and cardboard are placed at the curbside to be collected by the City of Mississauga.

6.2.3.6. Raw Materials – Handling and Storage

Not applicable.

6.2.3.7. Drums, Totes and Bins

No drums, totes or bins were observed during the site visit.

6.2.3.8. Separators – Oil/Water

No oil/water separators were evident inside or outside the building during the site visit. (see Section 6.2.3.11)

6.2.3.9. Maintenance Areas – Vehicle/Equipment

Not applicable.

6.2.3.10. Spills

No spills were evident during the site visit.

6.2.3.11. Drains, Pits and Sumps - Liquid Discharge Points

Typical circular floor drains were identified within the buildings. The floor drains are anticipated to be connected to the city sewer.

6.2.3.12. Hydraulic Equipment – Elevators, Hoists, Docks

No hydraulic equipment was identified at the Site at the time of the site reconnaissance.

6.2.4. Unidentified Substances

No unidentified substances were observed at the time of site reconnaissance.

6.2.5. Storage Tanks

6.2.5.1. Aboveground Storage Tanks (ASTs)

No ASTs were observed on Site at the time of the site reconnaissance.

6.2.5.2. Underground Storage Tanks (USTs)

At the time of the site reconnaissance, no fill or vent pipes indicating the presence of a UST were identified.

6.2.6. Odours

No offensive odour or detectable sources of air emissions that may impact the

ambient air quality at the Site were observed during the site visit.

6.2.7. Potable Water Supply

Water is supplied by the City of Mississauga which uses treated water from Lake Ontario for domestic consumption. Hence, the Site would be considered as having a non-potable groundwater condition.

6.3. Interior Observations

6.3.1. Heating and Cooling Systems

Heating and cooling of the single-storey building is provided by natural gas fired HVAC units. Heating of the two-storey building is provided by a natural gas fired furnace.

6.3.2. Stains

No staining of environmental concern was identified at the Site at the time of Site reconnaissance.

6.4. Exterior Observations

6.4.1. Surface Cover

Asphalt paved parking areas and driveways are present in the western portion of the Site. Landscaped areas are present around the residential building, to the west of the school building, and in the eastern portion of the Site.

6.4.2. Railway Evidence

There was no indication of current or former railway spurs on the Site.

6.4.3. Topographic, Geologic, and Hydrogeologic Conditions

The Site and immediate surrounding areas are generally flat. Soil conditions underneath the asphalt and vegetation cover could not be inferred due to surface cover.

6.4.4. Site Drainage

Surface water from precipitation is expected to infiltrate into the landscaped areas

within the Site and/or flow towards catch basins located within the Site. Roof drains are connected to internal leaders, which discharge to the municipal network.

6.4.5. Wells

No drinking water wells were observed on the site.

6.4.6. Sewage Disposal

The building is expected to be connected to the municipal sewer system.

6.4.7. Waste Water

Storm and building waste water is expected to discharge to the municipal network.

6.4.8. Pits and Lagoons

No natural pit or lagoon was observed on Site at the time of site reconnaissance.

6.4.9. Stained Materials

No stained materials were observed on Site at the time of site reconnaissance.

6.4.10. Stressed Vegetation

No stressed vegetation were observed on Site at the time of site reconnaissance.

6.4.11. Fill and Debris Material

No fill or debris was present at grade at the time of site reconnaissance.

6.4.12. Unidentified Substances

There were no unidentified substances on the Site at the time of site reconnaissance.

6.4.13. Watercourses, Ditches, or Standing Water

No watercourses or standing water was observed on Site at the time of the site reconnaissance.

6.4.14. Potential Contaminating Activity (PCA) at Site

No potentially contaminating activity was identified at the Site during the site visit.

6.4.15. Site Reconnaissance – Phase One Study Area

6.4.15.1. Observation of Adjacent Properties

The adjacent property uses are summarized in Table 6.4.15-1.

Table 6.4.15-1 : Adjacent Property Uses

Orientation Address	Name of Owner/Tenant	Observations	PCA
North of Site			
1597 Cormack Crescent	Vacant land	No AST or evidence of UST was observed from publicly accessible areas	None identified
South of Site			
1569 Cormack Crescent	N/A	A vacant parcel of land with two trailers in the southwest portion of the property	None identified.
1562, 1565, 1503 Edencrest Drive	Private dwellings	No AST or evidence of UST was observed from publicly accessible areas	None identified.
East of Site			
1572 and 1580 Marionville Drive	Private dwellings	No AST or evidence of UST was observed from publicly accessible areas	None identified
West of Site (Across Regional Road 25)			
Cormack Crescent	Public roadway	No environmental concerns.	None identified.

6.4.15.2. Observation of Study Area

The surrounding areas of the Site consisted of a mix of commercial and residential developments. The following activities were of potential environmental concerns :

- An AST was observed in the northern portion of the construction site at 1635 Cormack Crescent, approximately 165 m north of Site.

6.4.15.3. Potentially Contaminating Activity – Study Area

PCAs identified within the Study Area that are anticipated to cause APECs include :

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

6.4.15.4. Water Bodies

No natural water bodies are present within the Phase One Study Area.

6.4.15.5. Areas of Natural Significance

No areas of natural significance are present within the study area.

6.5. Written Description of Investigation

6.5.1. Details of Investigation

Details of the investigation are provided in the previously described sections.

6.5.2. Findings of Investigation

Site reconnaissance revealed PCAs within the Phase One Study Area which are anticipated to cause Areas of Potential Environmental Concern.

PCAs identified within the Study Area that are anticipated to cause APECs include :

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

7. REVIEW AND EVALUATION OF INFORMATION AND FINDINGS

7.1. Current and Past Uses at the Site

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS ETC.
A complete chain of title will be required prior to submission of Record of Site Condition.				

7.2. Potentially Contaminating Activity (PCA)

Based on the information obtained through records review, interview, and visual observations during site reconnaissance, the Phase One ESA has revealed the following Potentially Contaminating Activities (PCAs) within the Site and Phase One Study Area.

Table 7.2-1 : Table of PCAs

Location	Source	Environmental Concern	O. Reg. PCA*	APEC onto Site
1583, 1587 Cormack Cres Onsite	AP	– Presence of former orchard where pesticides may have been used	40	Yes
	AP	– Presence fill material at the location of former structure(s), northeast of the existing dwelling	30	Yes
	AP	– Presence of potential former fuel sources, including fuel oil, at the former structure(s)	28	Yes
1587 Cormack Cres Onsite	AP, SR	– Presence of potential fuel oil tank in existing dwelling	28	Yes
1617 Cormack Crescent Approximately 75m north of Site	EcoLog	– Spillage of 40L to 118L of transformer oil (PCB and non-PCB) onto the ground by Enersource Hydro Mississauga Inc. in 2007 and 2014. According to the incident report, soil contamination was confirmed.	55	This property is occupied by an animal clinic. The PCB spill is likely associated with a former transformer. Due to small nature of spill and distance of 45m to 75m, environmental concern onto subject site is not anticipated.

Location	Source	Environmental Concern	O. Reg. PCA*	APEC onto Site
1635 Cormack Crescent Approximately 165m north of Site	SR	– Presence of an AST in a construction site	28	No. Due to the considerable distance from the Site.
QEW Eastbound at Dixie Road Bridge Approximately 185m northwest of Site	EcoLog	– 8/29/1990: A spill of 250L of diesel to the highway from a ruptured saddle tank of a dump truck. According to the incident report, environmental impact was possible	28	No. Due to the considerable distance from the Site.

*Ontario Regulation 153/04, as amended, Records of Site Condition – Part XV.1 of the Act, Table 2 : Potentially Contaminating Activities

AP : Aerial Photographs; EcoLog : EcoLog ERIS report; SR : Site Reconnaissance

Identified PCAs are presented in Figure No. 2.

7.3. Areas of Potential Environmental Concern (APEC)

Based on identified PCAs, the following Areas of Potential Environmental Concern were identified within the Phase One Property :

APEC	Location of APEC	Source of APEC
APEC-1	Entire Site	– Presence of former orchard where pesticides may have been used
APEC-2	Entire Site	– Presence of unknown quality of fill material
APEC-3	Northeast of existing dwelling	– Presence of potential former fuel sources, including fuel oil, at the former structure(s)
APEC-4	North side of existing dwelling	– Presence of potential fuel oil tank in existing dwelling

Identified Areas of Potential Environmental Concern (APECs) with Contaminants of Concern within the site are summarized below :

Area of potential environmental concern	Location of area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminant of potential concern	Media potentially impacted (Groundwater, soil and/or sediment)
APEC-1	Entire Site	PCA#40 : Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	on-site	OC Pesticides, Metals	Soil
APEC-2	Entire Site	PCA#30 : Importation of Fill Material of Unknown Quality	on-site	PAH, Metals, As, Sb, Se, Cr(VI), Hg, B-HWS	Soil
APEC-3	Northeast of existing dwelling	PCA#28 : Gasoline and Associated Products Storage in Fixed Tanks	on-site	PHC, VOC, PAH	Soil
APEC-4	North side of existing dwelling	PCA#28 : Gasoline and Associated Products Storage in Fixed Tanks	on-site	PHC, VOC, PAH	Soil

Identified APECs are presented in Figure No. 3.

7.4. Phase One Conceptual Site Model

1	Existing buildings and structures	The western portion of the Site contains a 2-storey dwelling (with basement) and the central portion contains a single storey building occupied by a school.
2	Water bodies in the Study Area	There are no water bodies in the Study Area.
3	Areas of natural significance in the Study Area.	No areas of natural significance are present in the Study Area.
4	Drinking water wells at the Phase One property	No drinking water wells were identified on the Phase One property.
5	Roads within Study Area	Roads within the Phase One Study Area are indicated in Figure No. 1 and 2.
6	Property uses adjacent to	Property uses adjacent to the Phase One Property include

	Phase One Property	community roadways to the west, commercial and residential properties to the north, east and south.				
7	Areas of Potentially Contaminating Activity (PCA)	<p>PCAs identified within the Phase One Property include :</p> <p>PCA#40 : Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications</p> <p>PCA#30 : Importation of Fill Material of Unknown Quality</p> <p>PCA#28 : Gasoline and Associated Products Storage in Fixed Tanks</p> <p>PCAs within the Phase One Study Area include :</p> <p>PCA#55 : Transformer Manufacturing, Processing and Use</p> <p>PCA#28 : Gasoline and Associated Products Storage in Fixed Tanks</p>				
8	Areas of Potential Environmental Concern (APEC)	A total of 4 APECs were identified in the Phase One Property due to the above PCAs.				
9	Description of PCAs	<p><u>Onsite related PCA :</u></p> <p>PCAs within the Site include</p> <ul style="list-style-type: none"> historical orchard, where pesticides may have been used, potential fill material of unknown quality across entire site, former building at the northeast side of current dwelling where fuel source may have been heating oil, current dwelling where former fuel source may have been heating oil. <p><u>Offsite related PCA :</u></p> <p>PCAs to the north includes</p> <ul style="list-style-type: none"> PCB spill from a transformer, at 1617 Cormack Crescent, which is occupied by an animal clinic. This property is 75m north of the Site. Given the distance and low amount of spill, environmental concern onto the Site is not anticipated, presence of an aboveground tank at 1635 Cormack Crescent, where construction is in progress for a tunnel shaft (Hanlan Water Project) – the aboveground tank is 160m north of the Site. Due to significant distance, environmental concern is not anticipated onto the Site. <p>Identified PCAs are presented in Figure No. 2.</p>				
10	Description of APECs and Contaminants of Concern (COC)	Area of potential environmental concern	Location of area of potential environmental concern	Potentially contaminating activity	Location of PCA (on-site or concern	Media potentially impacted (Ground water,

		Area of potential environmental concern	Location of area of potential environmental concern on phase one property	Potentially contaminating activity	Location of PCA (on-site or off-site)	Contaminant of potential concern	Media potentially impacted (Ground water, soil and/or sediment)
		APEC-1	Entire Site	PCA#40	on-site	OC Pesticides, Metals	Soil
		APEC-2	Entire Site	PCA#30	on-site	PAH, Metals, As, Sb, Se, Cr(VI), Hg, B-HWS	Soil
		APEC-3	Northeast of existing dwelling	PCA#28	on-site	PHC, VOC, PAH	Soil
		APEC-4	North side of existing dwelling	PCA#28	on-site	PHC, VOC, PAH	Soil
11	Underground utilities	Natural gas mains are located on the north side of the two-storey residential building and on the west side of the single-storey building. Incoming hydro enters the buildings on the west elevation. Municipal water and sewer services are supplied from the west side of the Site.					
12	Regional or site specific geological and hydrogeological information	<p>Based on soils maps provided by EcoLog ERIS, the Phase One Study Area is situated within the Deltaic and Lacustrine deposits, with predominantly gravelly sand and silty sand deposits. The bedrock geology in the vicinity of the Study area is the Georgian Bay/Blue Mountain/Billings Formation (Collingwood/Eastview Member), generally consisting of shale, limestone, dolostone, and siltstone.</p> <p>Well records within the study area indicate silty clay as the predominant soil type, with shale encountered between 23ft to 71ft below grade.</p>					
13	Uncertainty or absence of information.	No uncertainties were encountered during this ESA.					

8. CONCLUSIONS

8.1. Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

Based on records review and site reconnaissance of the Site and Study Area, and interviews conducted during this Phase One ESA, Areas of Potential Environmental Concern (APEC) have been identified on the Site. It is *Toronto Inspection Ltd.* opinion that a Phase Two Environmental Site Assessment will be required before a Record of Site Condition is submitted.

8.1.1. Discussion

8.1.2. Data Sources

Toronto Inspection Ltd. has based its conclusion after a review of environmental sources information including previous environmental reports, EcoLog ERIS search records, City Directory records and site reconnaissance.

8.2. Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Since Areas of Potential Environmental Concern were identified on the Site, a Record of Site Condition cannot be submitted to the Ministry of Environment based on Phase One Environmental Site Assessment alone.

8.3. Deviations

This Phase One ESA was conducted in accordance to Ontario Regulation 153/04, as amended. There was no deviation from the principal components of the standard.

8.4. Limitations – Phase One ESA

No limitations were encountered during this ESA.

8.5. Participants

This Phase One Environmental Site Assessment has been conducted under the direct supervision of a Qualified Person, Rakesh Koneru P.Eng., who is registered with the Ministry of Environment. The findings and conclusions in this report are formed on the basis of historical and current document reviews, interviews with personnel knowledgeable of site operations and site reconnaissance to identify site and surrounding activities for potential environmental concerns.

Participants involved in the preparation of this Phase One Environmental Site Assessment are provided below :

- Records Review : Fanny Luk M.E.S., PMP
- Site Visit : Fanny Luk M.E.S., PMP
- Interview : Fanny Luk M.E.S., PMP
- Evaluation of Information and Reporting : Fanny Luk M.E.S., PMP, Rakesh Koneru, P.Eng., QP_{ESA}

8.6. Company Qualifications

The *Toronto Inspection Ltd.* staff have extensive experience over the years in conducting Phase One and Two Environmental Audits, ranging from single-storey industrial buildings of several thousand square feet to mega malls of over several million square feet. They have gained experience that extends across Canada, viewing a variety of operations such as, scrap yards, gas stations, chemical factories, dry cleaners, gravel pits, parklands, various manufacturing plants, food producers, office buildings, apartments, residential homes, grocery stores, schools and shopping malls.



Toronto Inspection Ltd.

8.7. Certification

Not applicable.

I, Rakesh Koneru P.Eng, am a qualified person and have the qualifications required by Section 5 of Ontario Regulation, 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act and do hereby certify that

1. A phase one environmental site assessment of the RSC property, which includes the evaluation of the information gathered from a records review, site reconnaissance, interviews, a report and any updates as required, has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.
2. As of [.....], no phase two environmental site assessment is required by the regulation for the RSC property and based on the phase one environmental site assessment for the RSC property, in my opinion, it is not necessary for any other reason to conduct a phase two environmental site assessment for the RSC property.
3. As of [.....], in my opinion, based on the phase one environmental site assessment, there is no evidence of any contaminants in the soil, ground water or sediment on, in or under the RSC property that, if the RSC property were put to any of the types of property uses listed in subsection 1 (2) of the regulation, are likely to interfere with any of those types of property uses.



Toronto Inspection Ltd.

9. REFERENCES

1. Ontario Regulation 153/04, as amended Records of Site Condition – Part XV.1 of the Environmental Protection Act.
2. Google Earth Application
3. Google Maps
4. Natural Resources of Canada – Atlas of Canada – Toporama
5. Ontario Base Map from Ecolog ERIS Ltd.
6. City Directories from Toronto Reference Library
7. Aerial Photographs from City of Mississauga Interactive Map website, Google Earth Application
8. Environmental Risk Information Service (ERIS) database from Ecolog ERIS Ltd.
9. Ontario Geophysical Survey “OGS Earth” application



Toronto Inspection Ltd.

10. GENERAL STATEMENT OF LIMITATION

This Phase One Environmental Site Assessment was conducted in general compliance with currently acceptable practices for environmental site investigations, and specific client requests, as applicable to this property. It is based on documents and oral information supplied to *Toronto Inspection Ltd.*. There is no warranty expressed or implied or representations by *Toronto Inspection Ltd.* that this investigation uncovered all potential environmental risks or liabilities associated with the subject site.

This report was prepared by *Toronto Inspection Ltd.* for the account of Elm (Cormack) 2017 Inc. and cannot be used or submitted to any other agents/authorities. The material in this report reflects *Toronto Inspection Ltd.*'s judgement in light of the information available to them at the time of preparation. Any use which a Third Party makes of this report, or any reliance on decisions to be made based on it, is the responsibility of these Third Parties. *Toronto Inspection Ltd.* accepts no responsibility for damages, if any, suffered by any Third Party as a result of decisions made or actions based on this report.

Toronto Inspection Ltd. did not provide any service to investigate or detect the presence of moisture, mould or other biological contaminants in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Mould is ubiquitous to the environment with mould amplification occurring when building materials are impacted by moisture. Site conditions are outside of *Toronto Inspection Ltd.*'s control, and mould amplification will likely occur, or continue to occur, in the presence of moisture. As such, *Toronto Inspection Ltd.* cannot and shall not be held responsible for the occurrence or recurrence of mould amplification.

Any legal actions arising directly or indirectly from this work and/or *Toronto Inspection Ltd.*'s performance of the services shall be filed no longer than two years from the date of *Toronto Inspection Ltd.*'s substantial completion of the services. *Toronto Inspection Ltd.* shall not be responsible to the client for lost revenues, loss of profits, cost of content, claims of customers, or other special indirect, consequential, or punitive damages.

To the fullest extent permitted by law, the client's maximum aggregate recovery against *Toronto Inspection Ltd.*, its directors, employees, sub-contractors and representatives, for any and all claims by clients for all causes including, but not limited to, claims of breach of contract, breach of warranty and/or negligence, shall be limited to the amount of professional fees paid.

Yours sincerely,
Toronto Inspection Ltd.

Sajjad Din, M.Sc., P.Geo., QP_{ESA}
Environmental Project Manager



Rakesh Koneru, P.Eng., QP_{ESA}
Project Engineer



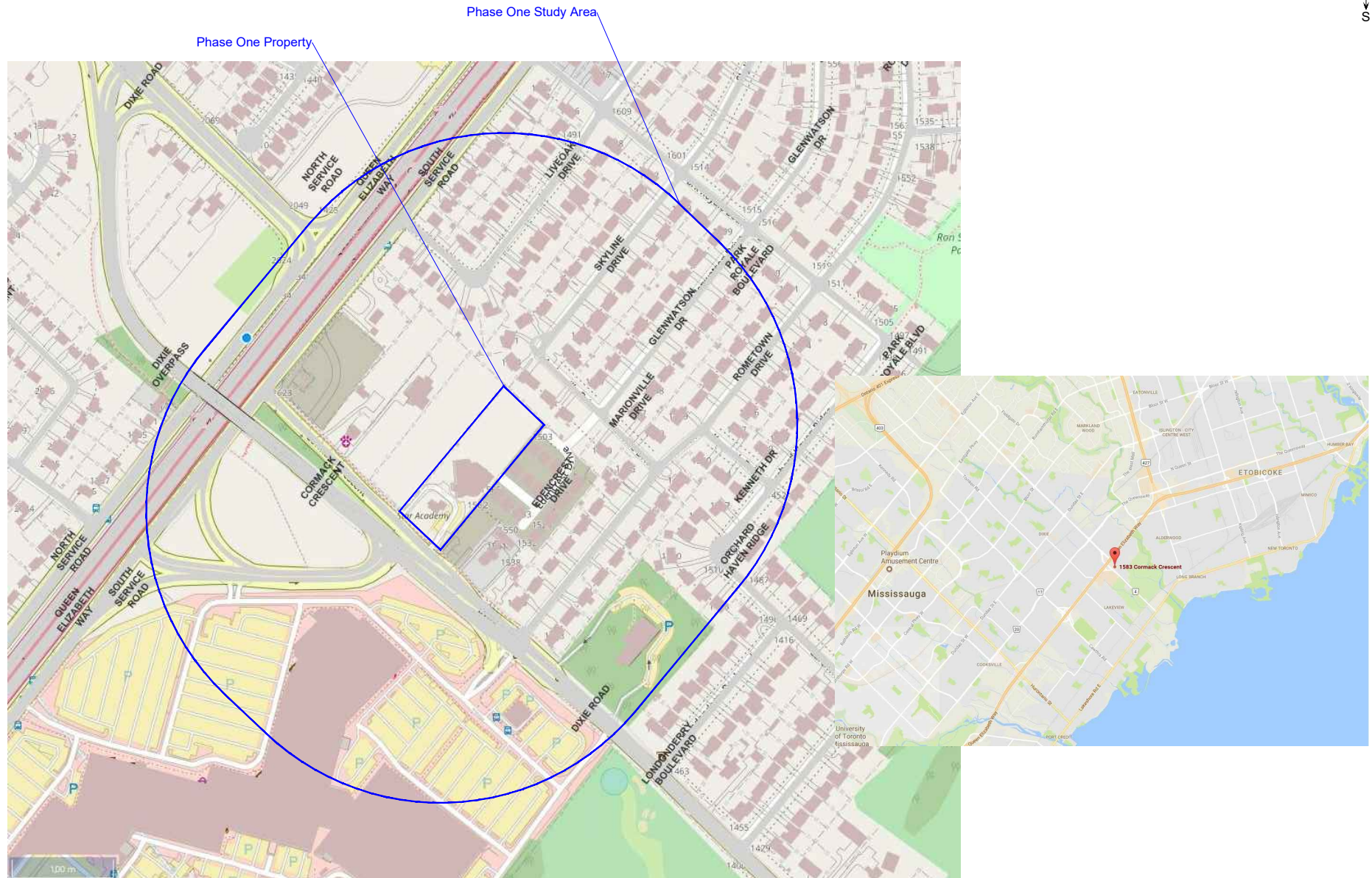
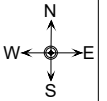
Toronto Inspection Ltd

Appendix A

Figure No. 1 : Site Location Map

Figure No. 2 : PCA Location Map

**Figure No. 3 : APEC Locations
Survey Plan**



TITLE:

Site Location Map

LOCATION:

1583, 1587 Cormack Crescent, Mississauga, Ontario

PROJECT NO.

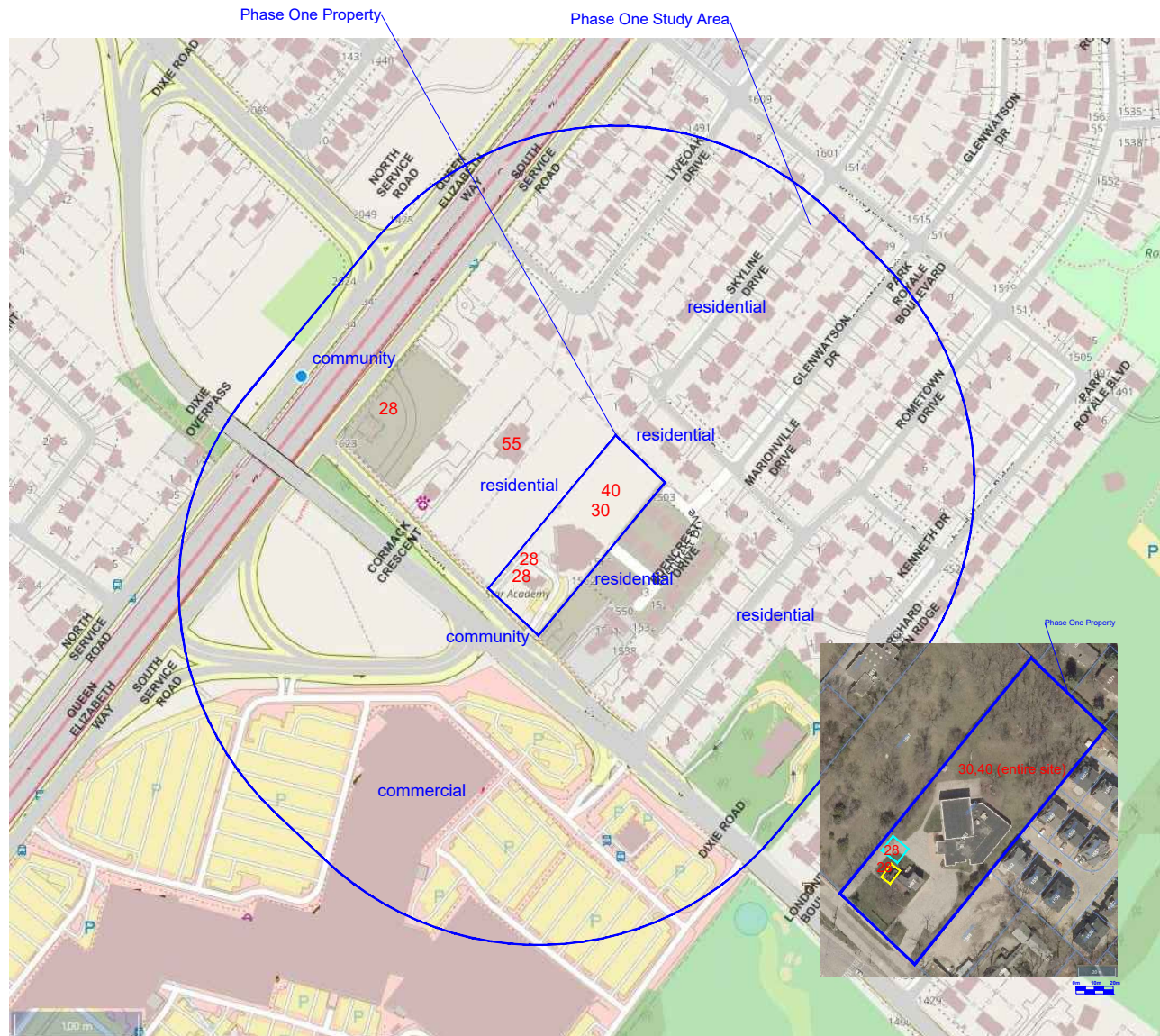
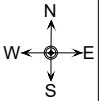
4553-17-EA

DATE :

November 2017

FIGURE NO.

1



**Ontario Regulation 153/04, as amended, Records of Site Condition
– Part XV.1 of the Act, Table 2 : Potentially Contaminating Activities**

28. Gasoline and Associated Products Storage in Fixed Tanks
30. Importation of Fill Material of Unknown Quality
40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
55. Transformer Manufacturing, Processing and Use

Notes :

- 1) location of PCA number indicates approximate location of former PCA activity, multiple numbers within the same property indicates multiple locations (eg. solvent storage at multiple locations).
- 2) Where PCA #28 is listed, but a fuel storage tank is not shown, the number indicates potential tanks may have been present on the property, based on records review of EcoLog ERS Report.



Toronto Inspection Ltd

Appendix B

Site Photographs

Phase One Environmental Site Assessment --- Site Photographs
1583 Cormack Crescent, Mississauga, Ontario



P01- West elevation of the school building



P02- East elevation of the school building



P03- South elevation of the school building



P04- View showing the foyer and entrance to the gymnasium in the central portion of the school building

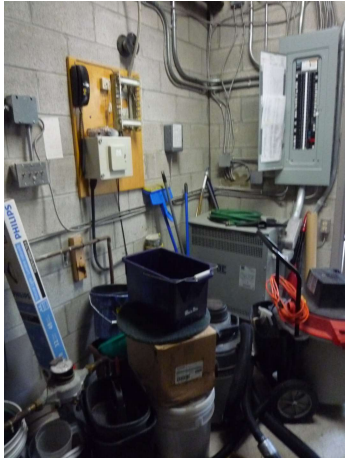


P05- View showing offices in the southern portion of the school building



P06- A typical classroom in the eastern portion of the school building

Phase One Environmental Site Assessment --- Site Photographs
1583 Cormack Crescent, Mississauga, Ontario



P07- View showing electrical room in the western portion of the school building



P08- West elevation of the residential building



P09- East elevation of the residential building



P10- North elevation of the residential building



P11- View showing kitchen of the residential building



P12- View showing the living room in the residential building

Phase One Environmental Site Assessment --- Site Photographs
1583 Cormack Crescent, Mississauga, Ontario



P13- View showing basement of the residential building



P14- View showing furnace room in the basement of the residential building



P15- Parking area in the southwest portion of the Site



P16- View showing playground in the eastern portion of the Site



P17- North of Site, showing an undeveloped parcel of land



P18- South of Site, showing construction Site

Phase One Environmental Site Assessment --- Site Photographs
1583 Cormack Crescent, Mississauga, Ontario



P19- Southeast of Site, showing residential buildings



P20- East of Site, showing residential buildings



P21- West of Site, showing Cormack Crescent and Dixie Road



Toronto Inspection Ltd

Appendix C

Fire Insurance Maps / Historical Maps (not included)



Toronto Inspection Ltd

Appendix D

Chain of Title (not included)



Toronto Inspection Ltd

Appendix E

Past Occupancy Records – City Directories

Past Occupancy Records

Address	Orientation	2001	1995	1990	1985
1583 Cormack Cres.	site	X Residential	X Residential	X Ochitwa P Dr.	X Ochitwa Dr P
1585-1587 Cormack Cres.	site	X No Listings	X No Listings	X No Listings	X No Listings
1589-1595 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings
1597 Cormack Cres.	north	X V U B Congregation of Can. X Apts.	X V U B Congregation of Canada X Hoang An Nguyen Lac	X Residential	X Residential
1599-1607 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings
1609 Cormack Cres.	north	X KIDS Place (Peel) Inc.	X KIDS Place (Peel) Inc.	X KIDS Place (Peel) Inc.	X No Listings
1611-1615 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings
1617 Cormack Cres.	north	X Cormack Animal Clinic X Cormack's Boarding Kennel X Residential	X Cormack Animal Clnc. X Cormack's Boarding Kennel X Denhardt K Dr.	X Cormack Animal Clnc. X Dr. X Residential	X Cormack Animal Clnc. X Dr. X Residential
1619-1621 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings
1623 Cormack Cres.	north	X Ramgarhia Assn. Of ON.	X Ramgarhia Assn. Of ON.	X Ramgarhia Assn. Of ON.	X Residential
1625-1635 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings
2024-2032 Dixie Rd.	north	X Residential X No Listings	Dixie Rd. 2024 X Buckingham Mark 2026-2032 X No Listings	X No Listings	X No Listings
1414-1448 South Service Rd.	north	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1345-1419 North Service Rd.	north	X Residential X No Listings	X No Listings	X Residential X No Listings	X Residential X No Listings
1421 North Service Rd.	northeast	X No Listings	X Mount Olive Pentecostal Tabernacle	X No Listings	X Residential
1431-1465 Skyline Dr.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1444-1468 Skyline Dr.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1404-1464 Liveoak Dr.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1450-1462 South Service Rd.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1311-1343 North Service Rd.	northwest	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1513-1581 Cormack Cres.	south	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1503-1565 Edencrest Dr.	south	X No Listings	X No Listings	X No Listings	X No Listings
1520-1562 Edencrest Dr.	south	X No Listings	X No Listings	X No Listings	X No Listings
1369-1417 Rometown Dr.	south	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings

Past Occupancy Records

Address	Orientation	2001	1995	1990	1985
1368-1416 Rometown Dr.	south	Rometown Dr. 1368-1406 X Residential X No Listings 1408 X DD Smith Sls. Ltd. 1410-1416 X Residential X No Listings	Rometown Dr. 1368-1406 X Residential X No Listings 1408 X DD Smith Sls. Ltd. 1410-1416 X Residential X No Listings	Rometown Dr. 1368-1406 X Residential X No Listings 1408 X DD Smith Sls. Ltd. 1410-1416 X Residential X No Listings	Rometown Dr. 1368-1406 X Residential X No Listings 1408 X DD Smith Sls. Ltd. 1410-1416 X Residential X No Listings
1418-1432 Rometown Dr.	southeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1419-1457 Rometown Dr.	southeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1550-1570 Marionville Dr.	southeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1490 Dixie Rd.	southwest	X Burger King	X Burger King	X Burger King	X Burger King
1572-1580 Marionville Dr.	east	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings
1250 South Service Rd.	west	X Dixie Outlet Mall	X Dixie Value Mall	X Dixie Mall	X B B Q And Crepes X Becker Milk Co. Ltd. X Big Boy Electronics Ltd. X Card N All The X Dixie Flea Mkt. X Dixie Leather Gds. X Faces The Makeup X Force D Inc. Mgmt. Consultant X Franchino Frank X Goodparts Auto Stores Inc. X J L C Text X Key Corner X Knob Hill Farms X Mc Roberts A Norman X Mc Roberts Ann P R Serv. X Pascal J Inc. X Same-Day Jwly. Reprs. X San Tetti's

Past Occupancy Records

Address	Orientation	1981	1975	1969-1970	1967	1965
1583 Cormack Cres.	site	X Ochitwa Dr P	X Ochitwa Dr P	X Ochitwa Dr P	X Ochitwa Dr P	X No Directory Available prior to 1967
1585-1587 Cormack Cres.	site	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1589-1595 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1597 Cormack Cres.	north	X Residential	X Residential	X Residential	X Residential	X No Directory Available prior to 1967
1599-1607 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1609 Cormack Cres.	north	X No Listings	X No Listings	X Residential	X Residential	X No Directory Available prior to 1967
1611-1615 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1617 Cormack Cres.	north	X Cormack Animal Clnc. Ltd.	X Cormack Animal Clnc. Ltd. X Chorney John	X Dixie Animal Hospital X Truscott C B	X Dixie Animal Hospital X Bolger M L	X No Directory Available prior to 1967
1619-1621 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1623 Cormack Cres.	north	X Residential	X Residential	X Residential	X Residential	X No Directory Available prior to 1967
1625-1635 Cormack Cres.	north	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
2024-2032 Dixie Rd.	north	X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1414-1448 South Service Rd.	north	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1345-1419 North Service Rd.	north	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1421 North Service Rd.	northeast	X Residential	X Residential	X Residential	X Residential	X No Directory Available prior to 1967
1431-1465 Skyline Dr.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1444-1468 Skyline Dr.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1404-1464 Liveoak Dr.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1450-1462 South Service Rd.	northeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1311-1343 North Service Rd.	northwest	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1513-1581 Cormack Cres.	south	X Residential X No Listings	X Residential X No Listings	X Residential X Phys. X No Listings	X Residential X Phys. X No Listings	X No Directory Available prior to 1967
1503-1565 Edencrest Dr.	south	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1520-1562 Edencrest Dr.	south	X No Listings	X No Listings	X No Listings	X No Listings	X No Directory Available prior to 1967
1369-1417 Rometown Dr.	south	X Residential X No Listings	X Residential X Phys. X No Listings	X Residential X Phys. X No Listings	X Residential X Phys. X No Listings	X No Directory Available prior to 1967

Past Occupancy Records

Address	Orientation	1981	1975	1969-1970	1967	1965
1368-1416 Rometown Dr.	south	X Residential X No Listings	X Residential X No Listings	Rometown Dr. 1368 X Robinson Paul W Chirop. 1370-1416 X Residential X No Listings	Rometown Dr. 1368 X Robinson Paul W Chirop. 1370-1416 X Residential X No Listings	X No Directory Available prior to 1967
1418-1432 Rometown Dr.	southeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1419-1457 Rometown Dr.	southeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1550-1570 Marionville Dr.	southeast	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1490 Dixie Rd.	southwest	X Burger King	X No Listings	X No Listings	X No Listings	
1572-1580 Marionville Dr.	east	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X Residential X No Listings	X No Directory Available prior to 1967
1250 South Service Rd.	west	X Becker Milk Co. Ltd. X Canpar X Dixie Plaza Drugs X Fantastic Flea Mkt. X Federal Election N D P Candidate X Fotomat Can. Ltd. X Franchino Frank X Hewpatmar Inc. X Knob Hills Farms X Mc Roberts Ann P R X Pork Pickins X The Card N All	X CIBC	X No Listings	X No Listings	X No Directory Available prior to 1967

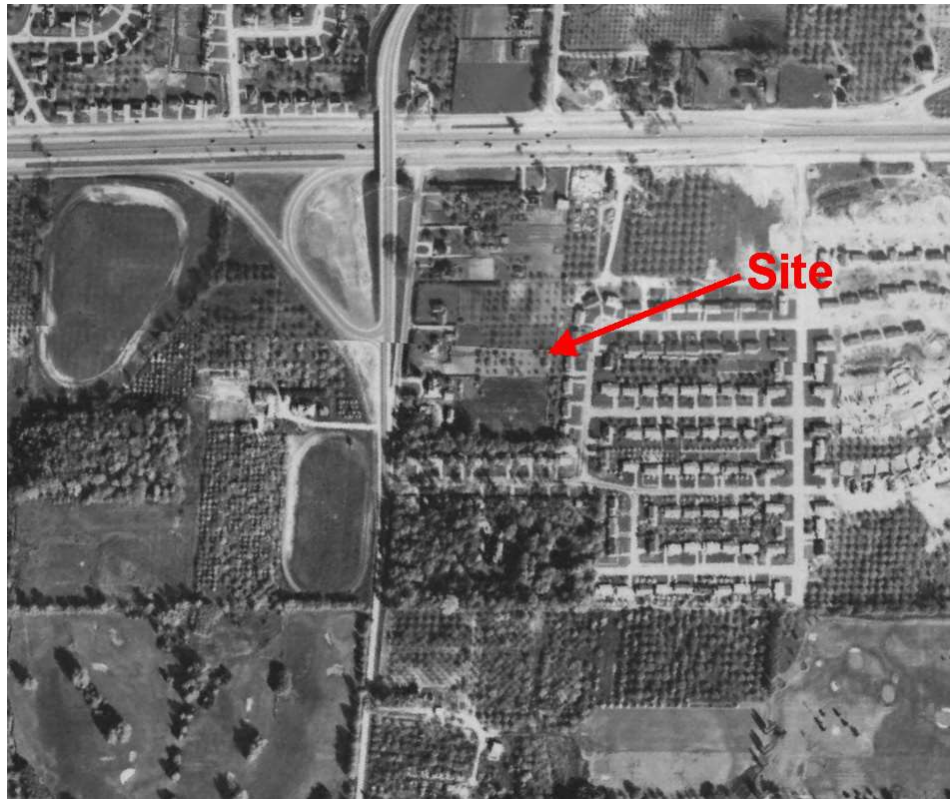


Toronto Inspection Ltd

Appendix F

Aerial Photographs

Phase One Environmental Site Assessment --- Aerial Photographs
1583 Cormack Crescent, Mississauga, Ontario



1954



1966

**Phase One Environmental Site Assessment --- Aerial Photographs
1583 Cormack Crescent, Mississauga, Ontario**

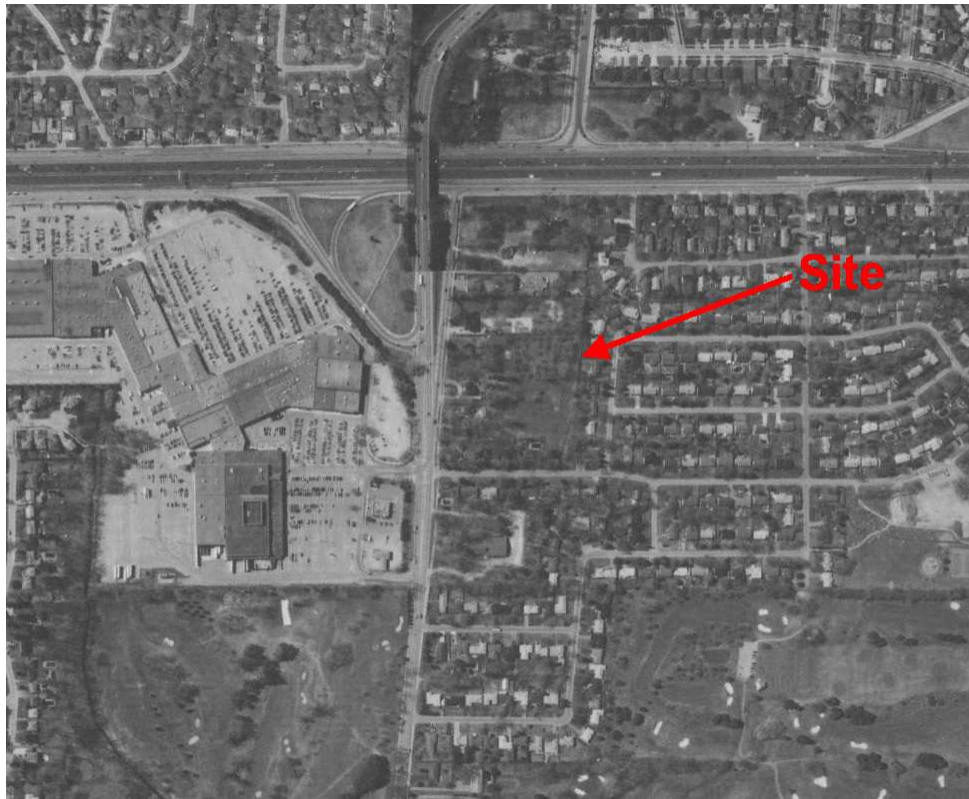


1975



1985

Phase One Environmental Site Assessment --- Aerial Photographs
1583 Cormack Crescent, Mississauga, Ontario



1997



2005

Phase One Environmental Site Assessment --- Aerial Photographs
1583 Cormack Crescent, Mississauga, Ontario



2011



2016



Toronto Inspection Ltd

Appendix G

Topographic Maps

**Phase One Environmental Site Assessment
1683, 1687 Cormack Crescent, Mississauga - Topographic Map**



Topographic Map Showing Location of Phase One Property



Toronto Inspection Ltd

Appendix H Freedom of Information

Ministry of the Environment
 Freedom of Information and Protection of Privacy Office
 40 St. Clair Avenue West, 12th Floor
 Toronto, ON M4V 1M2
 Tel: 416-314-4075
 Fax: 416-314-4285



Use this form to request records that 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 Fanny Luk Toronto Inspection Ltd. Unit 16 - 110 Konrad Crescent Markham, ON L3R 9X2 Email Address: fanny@torontoinspection.com			FOI Request No.	Date Request Received
			Fee Paid <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC/AMEX <input type="checkbox"/> CASH/MONEY ORDER	
Tel: 905-940-8509 Fax: 905-940-8192	Your Project/ Reference No. 4553-17-EA	Signature of Requester <i>Fanny Luk</i>	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	
Request Parameters				
Municipal Address/Lot, Concession, Geographic Township (Municipal address mandatory for cities, towns or regions) 1583, 1585, and 1587 Cormack Crescent, Mississauga (One property)				
Present Property Owner(s) and Date(s) of Ownership				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s) (if applicable)				
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				
Waste Generator number/classes				
Certificates of Approval ▶ Proponent information must be provided and Certificates of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years of records to be searched. If supporting documents are also required, mark SD box.				
			SD	Specify Year(s) Requested
Air - emissions				
Renewable Energy				
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
Waste water - industrial discharge				
Waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				
Waste systems	- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction			



Toronto Inspection Ltd

Appendix I

TSSA Correspondence

Subject: RE: Fuel Storage Tank Inquiry

From: Public Information Services (publicinformationsservices@tssa.org)

To: fanny@torontoinspection.com;

Date: Friday, January 27, 2017 3:34 PM

Hi Fanny:

Thank you for your inquiry.

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

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

Thank you Fanny and have a great day.

Prem

Prem Lal | Public Information Coordinator

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3570 | Fax: +1-416-734-3568 | E-Mail: plal@tssa.org

www.tssa.org



From: Fanny Luk [mailto:fanny@torontoinspection.com]
Sent: Friday, January 27, 2017 12:44 PM
To: Public Information Services
Subject: Fuel Storage Tank Inquiry

Hi,

I am inquiring into the presence of fuel storage tanks at following addresses:

1583 Cormack Crescent, Mississauga

1585 Cormack Crescent, Mississauga

1587 Cormack Crescent, Mississauga

1597 Cormack Crescent, Mississauga

1569 Cormack Crescent, Mississauga

1562 Edencrest Drive, Mississauga

1565 Edencrest Drive, Mississauga

1503 Edencrest Drive, Mississauga

1572 Marionville Drive, Mississauga

1580 Marionville Drive, Mississauga

1250 South Service Road, Mississauga

Thanks,

Fanny Luk B.E.S., M.E.S.

Environmental Project Manager

Toronto Inspection Ltd.

Unit 16, 110 Konrad Crescent

Markham, L3R 9X2

T : 905 940 8509

F : 905 940 8192

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Attachments

- image001.png (7.07KB)
- image002.png (641B)
- image003.png (727B)
- image004.png (1.26KB)
- image006.jpg (3.86KB)



Toronto Inspection Ltd

Appendix J

Ecolog ERIS Report



DATABASE REPORT

Project Property: 1583 CORMACK CRES - Project 4553
1583 Cormack Cres
Mississauga ON L5E2P8

Project No:

Report Type: RSC Report (Urban)

Order No: 20170516151

Requested by: Toronto Inspection Ltd.

Date Completed: May 19, 2017

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

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	10
Map.....	14
Aerial.....	15
Topographic Map.....	16
Detail Report.....	17
Unplottable Summary.....	57
Unplottable Report.....	59
Appendix: Database Descriptions.....	66
Definitions.....	74

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report(s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: 1583 CORMACK CRES - Project 4553
1583 Cormack Cres Mississauga ON L5E2P8

Project No:

Order Information:

Order No: 20170516151
Date Requested: May 16, 2017
Requested by: Toronto Inspection Ltd.
Report Type: RSC Report (Urban)

Additional Products:

Topographic Map Ontario Base Map (OBM)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	3	3
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	19	19
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal 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	2	2
PINC	TSSA Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	4	4
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	0	5	5
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	12	12
Total:			0	57	57

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>
--------------------	-----------	--------------------------	----------------	---------------------	--------------------------	------------------------

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	RSC	Halton Peel Buddhist Society	1569 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8	ESE/12.7	-1.10	17
2	RSC	Yvonne Poletto	MISSISSAUGA ON L5E 2P8 1556 MARIONVILLE DR, MISSISSAUGA, ON, L5E 2Y3	ENE/37.8	-1.98	17
3	RSC	Boris Poletto	MISSISSAUGA ON L5E 2Y3 1559 CORMACK CRES, MISSISSAUGA, ON, L6H 4P6, ON L5E 2P8	SE/43.4	-0.94	18
4	BORE		ON	NNE/46.6	-0.37	18
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	19
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON	NNW/61.7	0.99	19
5	GEN	CORMACK ANIMAL CLINIC LIMITED	1617 CORMACK CRESCENT CORMACK ANIMAL CLINIC MISSISSAUGA ON L5E 2P8	NNW/61.7	0.99	19
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	20
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	20
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	20
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	21
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	21
5	GEN	Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	NNW/61.7	0.99	21
5	SPL	Enersource Hydro Mississauga Inc.	1617 Cormack Cres Mississauga ON L5E 2P8	NNW/61.7	0.99	22
6	RSC	Boris Duniskvaric	1551 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8, ON L5E 2P8	SE/68.2	-1.39	22
7	GEN	Regional Municipality of Peel	1480 Dixie Road Mississauga ON L5E 3E5	S/71.8	-1.06	23
8	WWIS		lot 5 con 2 MISSISSAUGA ON	SSW/120.6	-0.46	23
9	WWIS		MISSISSAUGA ON	WSW/124.9	1.99	24
9	WWIS		ON	WSW/124.9	1.99	26
9	WWIS		MISSISSAUGA ON	WSW/124.9	1.99	28
9	WWIS		MISSISSAUGA ON	WSW/124.9	1.99	30
10	SCT	DD SMITH SALES LTD.	1408 ROMETOWN DR MISSISSAUGA ON L5E 2T4	ESE/138.3	-3.01	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	PINC		1520 KENNETH DRIVE, MISSISSAUGA ON	E/155.3	-4.06	32
12	WWIS		Mississauga ON	NNW/156.5	1.99	33
13	WWIS		Toronto ON	WNW/171.3	2.99	35
13	WWIS		Toronto ON	WNW/171.3	2.99	37
14	CA	R.M. OF PEEL	SOUTH SERVICE RD/DIXIE RD. MISSISSAUGA CITY ON	WNW/173.4	2.99	39
15	PINC		1475 GLENWATSON DR, MISSISSAUGA ON	NE/176.0	-3.01	39
16	SPL	TRANSPORT TRUCK	Q.E.W. EASTBOUND AT DIXIE ROAD BRIDGE MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON	WNW/199.4	2.99	40
17	SPL	TRANSPORT TRUCK	W-BOUND LANE OF THE QEW, JUST EAST OF DIXIE RD. MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON	WNW/204.4	2.99	40
18	WWIS		TORONTO ON	SSW/213.8	-3.01	41
19	BORE		ON	SE/215.1	-3.98	43
20	BORE		ON	SE/215.8	-4.06	43
21	CA	R.M. OF PEEL	KENNETH DR/ORCHARD HAVEN RIDGE MISSISSAUGA CITY ON	E/232.2	-5.00	44
22	GEN	Michaels Stores, Inc.	1250 S Service Rd Mississauga ON	SW/253.5	-2.82	44
22	GEN	Fonds de placement immobilier Cominar	1250 South Service Road Mississauga ON L5E 1V4	SW/253.5	-2.82	45
22	GEN	Ivanhoe Cambridge II Inc.	1250 South Service Road Mississauga ON	SW/253.5	-2.82	45
22	GEN	Ivanhoe Cambridge	1250 South Service Road Mississauga ON L5E 1V4	SW/253.5	-2.82	46
22	GEN	Loblaw Companies Inc	1250 South Service Rd. Mississauga ON	SW/253.5	-2.82	46
22	GEN	Michaels Stores, Inc.	1250 S Service Rd Mississauga ON L5E 1V4	SW/253.5	-2.82	46
22	GEN	Loblaw Companies Inc	1250 South Service Rd. Mississauga ON L5E 1V4	SW/253.5	-2.82	47
22	GEN	Dr. Tenny Leung Dentistry Professional Corporation	45-1250 South Service Road Mississauga ON L5E 1V4	SW/253.5	-2.82	47
22	GEN	Ivanhoe Cambridge II Inc.	1250 South Service Road Mississauga ON	SW/253.5	-2.82	48
22	PES	1460336 ONTARIO LTD O/A CHRIS & STACEY'S NO FRILLS	1250 SOUTH SERVICE RD MISSISSAUGA ON L5E1V4	SW/253.5	-2.82	48
22	SPL	Veri-Term<UNOFFICIAL>	1250 South Service Rd Mississauga ON L5E 1V4	SW/253.5	-2.82	48
22	SPL		1250 Service Rd Mississauga ON	SW/253.5	-2.82	48
23	WWIS		MISSISSAUGA ON	W/258.7	2.55	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>23</u>	WWIS		MISSISSAUGA ON	W/258.7	2.55	<u>51</u>
<u>24</u>	EHS		1397 Londonderry Blvd Mississauga ON L5E 2S2	SE/270.5	-5.02	<u>53</u>
<u>24</u>	EHS		1397 Londonderry Blvd Mississauga ON L5E 2S2	SE/270.5	-5.02	<u>53</u>
<u>25</u>	EHS		1250 Service Rd S Mississauga ON L5E1V4	SSW/275.7	-3.93	<u>53</u>
<u>26</u>	SCT	ROYAL FUR COMPANY	1487 DIXIE RD MISSISSAUGA ON L5E 2P7	SE/279.3	-5.03	<u>53</u>
<u>27</u>	PES	ROSS PLEWES LANDSCAPE LTD	1492 SOUTH SERVICE RD MISSISSAUGA ON L5E 1V6	N/279.8	-0.03	<u>54</u>
<u>28</u>	BORE		ON	W/281.5	0.94	<u>54</u>
<u>29</u>	EHS		1250 Service Rd S Mississauga ON L5E1V4	SSW/282.6	-3.34	<u>54</u>
<u>30</u>	WWIS		con 2 ON	S/289.5	-4.46	<u>55</u>
<u>31</u>	CA	R.M. OF PEEL	PARK ROYALE BLVD./LIVEOAK DR. MISSISSAUGA CITY ON	NNE/291.2	-1.30	<u>55</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 4 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	46.6	<u>4</u>
	ON	215.1	<u>19</u>
	ON	215.8	<u>20</u>
	ON	281.5	<u>28</u>

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 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.M. OF PEEL	SOUTH SERVICE RD/DIXIE RD. MISSISSAUGA CITY ON	173.4	<u>14</u>
R.M. OF PEEL	KENNETH DR/ORCHARD HAVEN RIDGE MISSISSAUGA CITY ON	232.2	<u>21</u>
R.M. OF PEEL	PARK ROYALE BLVD./LIVEOAK DR. MISSISSAUGA CITY ON	291.2	<u>31</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 4 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1397 Londonderry Blvd Mississauga ON L5E 2S2	270.5	<u>24</u>
	1397 Londonderry Blvd Mississauga ON L5E 2S2	270.5	<u>24</u>
	1250 Service Rd S Mississauga ON L5E1V4	275.7	<u>25</u>
	1250 Service Rd S Mississauga ON L5E1V4	282.6	<u>29</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 19 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
CORMACK ANIMAL CLINIC LIMITED	1617 CORMACK CRESCENT CORMACK ANIMAL CLINIC MISSISSAUGA ON L5E 2P8	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON	61.7	<u>5</u>
Stevenson Veterinary Professional Corporation	1617 Cormack Crescent Mississauga ON L5E 2P8	61.7	<u>5</u>
Regional Municipality of Peel	1480 Dixie Road Mississauga ON L5E 3E5	71.8	<u>7</u>
Michaels Stores, Inc.	1250 S Service Rd Mississauga ON L5E 1V4	253.5	<u>22</u>
Dr. Tenny Leung Dentistry Professional Corporation	45-1250 South Service Road Mississauga ON L5E 1V4	253.5	<u>22</u>
Loblaw Companies Inc	1250 South Service Rd. Mississauga ON L5E 1V4	253.5	<u>22</u>
Loblaw Companies Inc	1250 South Service Rd. Mississauga ON	253.5	<u>22</u>
Ivanhoe Cambridge	1250 South Service Road Mississauga ON L5E 1V4	253.5	<u>22</u>
Ivanhoe Cambridge II Inc.	1250 South Service Road Mississauga ON	253.5	<u>22</u>
Fonds de placement immobilier Cominar	1250 South Service Road Mississauga ON L5E 1V4	253.5	<u>22</u>
Michaels Stores, Inc.	1250 S Service Rd Mississauga ON	253.5	<u>22</u>
Ivanhoe Cambridge II Inc.	1250 South Service Road Mississauga ON	253.5	<u>22</u>

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2016 has found that there are 2 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
1460336 ONTARIO LTD O/A CHRIS & STACEY'S NO FRILLS	1250 SOUTH SERVICE RD MISSISSAUGA ON L5E1V4	253.5	<u>22</u>
ROSS PLEWES LANDSCAPE LTD	1492 SOUTH SERVICE RD MISSISSAUGA ON L5E 1V6	279.8	<u>27</u>

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1520 KENNETH DRIVE, MISSISSAUGA ON	155.3	<u>11</u>
	1475 GLENWATSON DR, MISSISSAUGA ON	176.0	<u>15</u>

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Dec 2016 has found that there are 4 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Halton Peel Buddhist Society	1569 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8	12.7	<u>1</u>
Yvonne Poletto	MISSISSAUGA ON L5E 2P8 1556 MARIONVILLE DR, MISSISSAUGA, ON, L5E 2Y3	37.8	<u>2</u>
Boris Poletto	MISSISSAUGA ON L5E 2Y3 1559 CORMACK CRES, MISSISSAUGA, ON, L6H 4P6,	43.4	<u>3</u>
Boris Duniskvaric	ON L5E 2P8 1551 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8, ON L5E 2P8	68.2	<u>6</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DD SMITH SALES LTD.	1408 ROMETOWN DR MISSISSAUGA ON L5E 2T4	138.3	<u>10</u>
ROYAL FUR COMPANY	1487 DIXIE RD MISSISSAUGA ON L5E 2P7	279.3	<u>26</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 5 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enersource Hydro Mississauga Inc.	1617 Cormack Cres Mississauga ON L5E 2P8	61.7	<u>5</u>
TRANSPORT TRUCK	Q.E.W. EASTBOUND AT DIXIE ROAD BRIDGE MOTOR VEHICLE (OPERATING FLUID)	199.4	<u>16</u>
TRANSPORT TRUCK	MISSISSAUGA CITY ON W-BOUND LANE OF THE QEW, JUST EAST OF DIXIE RD. MOTOR VEHICLE (OPERATING FLUID)	204.4	<u>17</u>
	MISSISSAUGA CITY ON 1250 Service Rd Mississauga ON	253.5	<u>22</u>
Veri-Term<UNOFFICIAL>	1250 South Service Rd Mississauga ON L5E 1V4	253.5	<u>22</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 12 WWIS site(s) within approximately 0.30 kilometers of the project property.

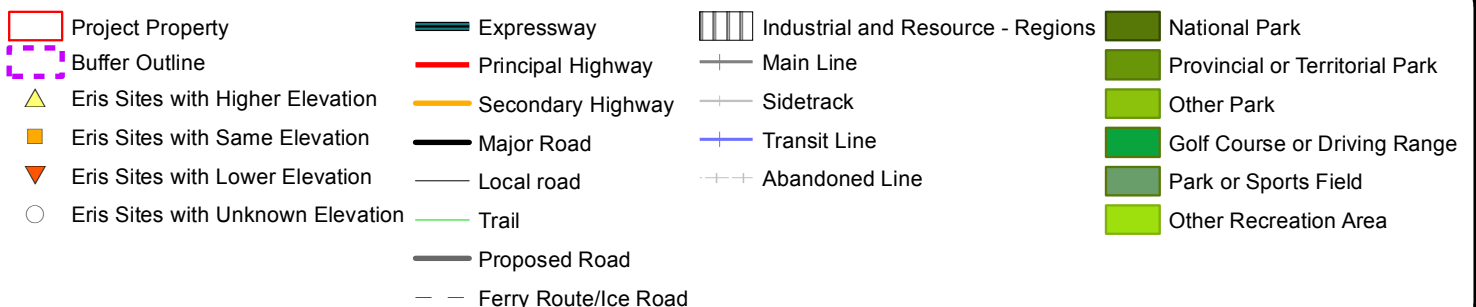
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 5 con 2 MISSISSAUGA ON	120.6	<u>8</u>
	MISSISSAUGA ON	124.9	<u>9</u>
	ON	124.9	<u>9</u>
	MISSISSAUGA ON	124.9	<u>9</u>
	MISSISSAUGA ON	124.9	<u>9</u>
	Mississauga ON	156.5	<u>12</u>
	Toronto ON	171.3	<u>13</u>
	Toronto ON	171.3	<u>13</u>
	TORONTO ON	213.8	<u>18</u>
	MISSISSAUGA ON	258.7	<u>23</u>
	MISSISSAUGA ON	258.7	<u>23</u>
	con 2 ON	289.5	<u>30</u>



Map : 0.3 Kilometer Radius

Order No: 20170516151

Address: 1583 Cormack Cres, Mississauga, ON, L5E2P8



79°34'30"W

43°36'N

43°36'N



Aerial

Address: 1583 Cormack Cres, Mississauga, ON, L5E2P8

Source: ESRI World Imagery

Order No: 20170516151

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



© ERIS Information Limited Partnership



Topographic Map

Address: 1583 Cormack Cres, Mississauga, ON, L5E2P8

Source: ESRI World Topographic Map

Order No: 20170516151



© ERI S Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	ESE/12.7	105.7	Halton Peel Buddhist Society 1569 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8 MISSISSAUGA ON L5E 2P8	RSC
Registration No:		48516			
RSC Type:					
Restoration Type:					
Date Submitted:		5-Aug-09			
Date Acknowledg.:					
Certification Date:		19-Jan-09			
Date Returned:					
Soil Type:					
Criteria:					
Current Property Use:		Residential			
Certificate Prop Use No:		No CPU			
Intended Prop Use:		Residential			
Applicable Standards:		ESA Phase 1			
Stratified (Y/N):					
Consultant:					
District Office:		MISSISSAUGA			
Property Municipal Address:		1569 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8			
Legal Description:		Entire Property: Part of Lot 5, Concession 2, South of Dundas Street, City of Mississauga, Regional Municipality of Peel, Land Registry Office for the Registry Division of Peel. RSC Property: Part 1, Plan 43R-32643.			
Prop. Identification No:		13481-0009			
Entire legal prop. (y/n):		No			
UTM Coordinates:		NAD83 17-615784-4827953 (converted from Latitude & Longitude)			
Latitude & Longitude:		43.59555560N 79.56555560W			
Accuracy Estimate:		2 to 5 meters			
Measurement Method:		Digitized from a satellite image			
CPU Issued Sect 1686:		No			
2	1 of 1	ENE/37.8	104.9	Yvonne Poletto 1556 MARIONVILLE DR, MISSISSAUGA, ON, L5E 2Y3 MISSISSAUGA ON L5E 2Y3	RSC
Registration No:		46100			
RSC Type:					
Restoration Type:					
Date Submitted:		5-Jun-09			
Date Acknowledg.:					
Certification Date:		19-Jan-09			
Date Returned:					
Soil Type:					
Criteria:					
Current Property Use:		Residential			
Certificate Prop Use No:		No CPU			
Intended Prop Use:		Residential			
Applicable Standards:		ESA Phase 1			
Stratified (Y/N):					
Consultant:					
District Office:		MISSISSAUGA			
Property Municipal Address:		1556 MARIONVILLE DR, MISSISSAUGA, ON, L5E 2Y3			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Legal Description: Prop. Identification No: Entire legal prop. (y/n): UTM Coordinates: Latitude & Longitude: Accuracy Estimate: Measurement Method: CPU Issued Sect 1686:		LT 4, PL 444; MISSISSAUGA 13481-0021 Yes NAD83 17-615873-4828016 (converted from Latitude & Longitude) 43.59611110N 79.56444440W 2 to 5 meters Digitized from a satellite image No			
<u>3</u>	1 of 1	SE/43.4	105.9	Boris Poletto 1559 CORMACK CRES, MISSISSAUGA, ON, L6H 4P6, ON L5E 2P8	RSC
Registration No: RSC Type: Restoration Type: Date Submitted: Date Acknowledg.: Certification Date: Date Returned: Soil Type: Criteria: Current Property Use: Certificate Prop Use No: Intended Prop Use: Applicable Standards: Stratified (Y/N): Consultant: District Office: Property Municipal Address: Legal Description: Prop. Identification No: Entire legal prop. (y/n): UTM Coordinates: Latitude & Longitude: Accuracy Estimate: Measurement Method: CPU Issued Sect 1686:		48515 29-Jul-09 19-Jan-09 Residential No CPU Residential ESA Phase 1 MISSISSAUGA 1559 CORMACK CRES, MISSISSAUGA, ON, L6H 4P6, ENTIRE PROPERTY: Part Lot 5, Second Concession, South of Dundas Street, City of Mississauga, Regional Municipality of Peel, Registry Division of Peel (No. 43). RSC PROPERTY: Part 2 of Plan 43R-32643. 13481-0010 No NAD83 17-615851-4827985 (converted from Latitude & Longitude) 43.59583330N 79.56472220W 2 to 5 meters Digitized from a satellite image No			
<u>4</u>	1 of 1	NNE/46.6	106.5	ON	BORE
Borehole ID: Use: Drill Method:: Easting:: Location Accuracy:: Elev. Reliability Note:: Total Depth m:: Township:: Lot:: Completion Date:: Primary Water Use:: --Details-- Stratum ID: Bottom Depth(m):		648005 615815 2.7 JUN-1963 Type: Status:: UTM Zone:: Northing:: Orig. Ground Elev m:: DEM Ground Elev m:: Primary Name:: Concession:: Municipality: Static Water Level:: Sec. Water Use:: 0.0 SAND. LACUSTRINE,AGE GLACIAL. SILT.			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	1 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN
PO Box Num: Status: Registered Country: Canada Generator #: ON9556845 Approval Yrs:: As of Sep 2016 SIC Code: SIC Description:					
--Details--					
Waste Code:		261 A			
Waste Description:		Pharmaceuticals			
Waste Code:		312 P			
Waste Description:		Pathological wastes			
Waste Code:		264 T			
Waste Description:		Photoprocessing wastes			
Waste Code:		264 L			
Waste Description:		Photoprocessing wastes			
5	2 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON	GEN
PO Box Num: Status: Country: Generator #: ON9556845 Approval Yrs:: 2013 SIC Code: 541940 SIC Description: VETERINARY SERVICES					
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
5	3 of 10	NNW/61.7	107.8	CORMACK ANIMAL CLINIC LIMITED 1617 CORMACK CRESCENT CORMACK ANIMAL CLINIC MISSISSAUGA ON L5E 2P8	GEN
PO Box Num: Status: Country: Generator #: ON2284106 Approval Yrs:: 97,98,99,00,01 SIC Code: 0211 SIC Description: VETERINARY SERVICE					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
5	4 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON9556845			
Approval Yrs::		2011			
SIC Code:		541940			
SIC Description:		Veterinary Services			
--Details--					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
5	5 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON9556845			
Approval Yrs::		2009			
SIC Code:		541940			
SIC Description:		Veterinary Services			
--Details--					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
5	6 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON9556845			
Approval Yrs::		07,08			
SIC Code:		541940			
SIC Description:		Veterinary Services			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
5	7 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN
PO Box Num: Status: Country: Generator #: ON9556845 Approval Yrs:: 2012 SIC Code: 541940 SIC Description: Veterinary Services					
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
5	8 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN
PO Box Num: Status: Country: Generator #: ON9556845 Approval Yrs:: 2010 SIC Code: 541940 SIC Description: Veterinary Services					
--Details--					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
5	9 of 10	NNW/61.7	107.8	Stevenson Veterinary Professional Corporation 1617 Cormack Crescent Mississauga ON L5E 2P8	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
PO Box Num: Status: Country: Generator #: ON9556845 Approval Yrs.: As of May 2015 SIC Code: SIC Description:					
--Details--					
Waste Code:	261				
Waste Description:	Pharmaceuticals				
Waste Code:	264				
Waste Description:	Photoprocessing wastes				
Waste Code:	312				
Waste Description:	Pathological wastes				
5	10 of 10	NNW/61.7	107.8	Enersource Hydro Mississauga Inc. 1617 Cormack Cres Mississauga ON L5E 2P8	SPL
Ref No: 7584-73MNEX Contaminant Code: 15 Contaminant Name: TRANSFORMER OIL (N.O.S.) Contaminant Quantity: 189.25 L Incident Cause: Other Discharges Incident Dt: Incident Reason: Spill Incident Summary: Transformer oil, 50 gallons to soil, unkn PCB content MOE Reported Dt: 5/28/2007 Environmental Impact: Confirmed Nature of Impact: Soil Contamination Receiving Medium: Land SAC Action Class: Sector Source Type: Transformer Receiving Environment: Incident Event: Site Municipality: Mississauga					
6	1 of 1	SE/68.2	105.5	Boris Duniskvaric 1551 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8, ON L5E 2P8	RSC
Registration No: 48116 RSC Type: Restoration Type: Date Submitted: 8-Jul-09 Date Acknowledg.: Certification Date: 19-Jan-09 Date Returned: Soil Type: Criteria: Current Property Use: Residential Certificate Prop Use No: No CPU Intended Prop Use: Residential Applicable Standards: ESA Phase 1 Stratified (Y/N): Consultant: District Office: MISSISSAUGA					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Property Municipal Address: 1551 CORMACK CRES, MISSISSAUGA, ON, L5E 2P8, Legal Description: ENTIRE PROPERTY: Part of Lot 5, Concession 2, South of Dundas Street, City of Mississauga, Regional Municipality of Peel. RSC PROPERTY: Part 3 of Plan 43R-32643. Prop. Identification No: 13481 - 0011 Entire legal prop. (y/n): No UTM Coordinates: NAD83 17-615852-4827954 (converted from Latitude & Longitude) Latitude & Longitude: 43.59555560N 79.56472220W Accuracy Estimate: 2 to 5 meters Measurement Method: Digitized from a satellite image CPU Issued Sect 1686: No					
7	1 of 1	S/71.8	105.8	Regional Municipality of Peel 1480 Dixie Road Mississauga ON L5E 3E5	GEN
PO Box Num: Status: Registered Country: Canada Generator #: ON7970836 Approval Yrs:: As of Sep 2016 SIC Code: SIC Description:					
--Details-- Waste Code: 251 L Waste Description: Waste oils/sludges (petroleum based)					
8	1 of 1	SSW/120.6	106.4	lot 5 con 2 MISSISSAUGA ON	WWIS
Well ID: 4909411 Construction Date:: Primary Water Use:: Not Used Sec. Water Use:: Final Well Status:: Abandoned-Other Specific Capacity:: Municipality: MISSISSAUGA CITY County: PEEL Lot: 005 Concession: 02 Concession Name: DS S Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information -- Bore Hole ID: 11107017 DP2BR: Code OB: -- Code OB Description: No formation data Open Hole: Date Completed: 24-MAR-04 Remarks: Zone: 17 East 83: 615650 North 83: 4827816 UTMRC: 5 UTMRC Description: margin of error : 100 m - 300 m Location Method: wwr Org CS: UTM83 Elevation: 103.56 Elevrc: Elevrc Description: Location Source Date: Source Revision Comment: Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Improvement Location Method: Supplier Comment: Spatial Status: -- Method of Construction & Well Use -- Method Construction ID: 964909411 Method Construction Code: 0 Method Construction: Not Known Other Method Construction: -- Pipe Information -- Pipe ID: 11113818 Casing Number: 1 Comment: Alt Name: --					
9	1 of 4	WSW/124.9	108.8	MISSISSAUGA ON	WWIS
Well ID: 7258153 Construction Date:: Primary Water Use:: Monitoring Sec. Water Use:: Final Well Status:: Observation Wells Specific Capacity:: Municipality: MISSISSAUGA CITY County: PEEL Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability:: Bore Hole Information -- Bore Hole ID: 1005890934 DP2BR: Code OB: Code OB Description: Open Hole: Date Completed: 24-JUL-15 Remarks: Zone: 17 East 83: 615552 North 83: 4827937 UTMRC: 4 UTMRC Description: margin of error : 30 m - 100 m Location Method: wwr Org CS: UTM83 Elevation: Elevrc: Elevrc Description: Location Source Date: Source Revision Comment: Improvement Location Source: Improvement Location Method: Supplier Comment: Spatial Status: -- Overburden and Bedrock Materials Interval -- Formation ID: 1005994045 Layer: 1 General Color: BLACK Most Common Material: TOPSOIL					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		.9			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005994046			
Layer:		2			
General Color:		GREY			
Most Common Material:		FINE SAND			
Other Materials:		SILT			
Other Materials:		LOOSE			
Formation Top Depth:		.9			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005994047			
Layer:		3			
General Color:		GREY			
Most Common Material:		SHALE			
Other Materials:					
Other Materials:		HARD			
Formation Top Depth:		6.1			
Formation End Depth:		10.7			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1005994055			
Layer:		1			
Plug From:		0			
Plug To:		7.4			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005994056			
Layer:		2			
Plug From:		7.4			
Plug To:		10.7			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005994054			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:		DIAMOND			
--		--			
Pipe Information					
--		--			
Pipe ID:		1005994044			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1005994051			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.7			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--	--	--	--	--	--
--	--	--	--	--	--
Construction Record - Screen					
--	--	--	--	--	--
Screen ID:		1005994052			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.7			
Screen End Depth:		10.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
--	--	--	--	--	--
Hole Diameter					
--	--	--	--	--	--
Hole ID:		1005994048			
Diameter:		21			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--	--	--	--	--	--
Hole ID:		1005994049			
Diameter:		9.6			
Depth From:		6.1			
Depth To:		10.7			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--	--	--	--	--	--
--	--	--	--	--	--

9	2 of 4	WSW/124.9	108.8	ON	WWIS
Well ID:	7258154			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observation Wells			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	MISSISSAUGA CITY			UTM Reliability::	
County:	PEEL				
Bore Hole Information					
--	--	--	--	--	--
Bore Hole ID:	1005890937				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	24-JUL-15				
Remarks:					
Zone:	17				
East 83:	615552				
North 83:	4827937				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock Materials Interval					
--	--				
Formation ID:		1005994069			
Layer:		1			
General Color:		BLACK			
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		.9			
Formation End Depth UOM:		m			
--	--				
Formation ID:		1005994070			
Layer:		2			
General Color:		GREY			
Most Common Material:		FINE SAND			
Other Materials:		SILT			
Other Materials:		LOOSE			
Formation Top Depth:		.9			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
--	--				
Annular Space/Abandonment Sealing Record					
--	--				
Plug ID:		1005994077			
Layer:		1			
Plug From:		3			
Plug To:		4.3			
Plug Depth UOM:		m			
--	--				
Plug ID:		1005994078			
Layer:		2			
Plug From:		4.3			
Plug To:		6.1			
Plug Depth UOM:		m			
--	--				
Method of Construction & Well Use					
--	--				
Method Construction ID:		1005994076			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
--	--				
Pipe Information					
--	--				
Pipe ID:		1005994068			
Casing Number:		0			
Comment:					
Alt Name:					
--	--				
Construction Record - Casing					
--	--				
Casing ID:		1005994073			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.6			
Casing Diameter:		5.2			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005994074			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.6			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
--		--			
Hole Diameter					
--		--			
Hole ID:		1005994071			
Diameter:		21			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			
<hr/>					
<u>9</u>	3 of 4	WSW/124.9	108.8	MISSISSAUGA ON	WWIS
Well ID:	7258151			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observation Wells			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	MISSISSAUGA CITY			UTM Reliability::	
County:	PEEL				
Bore Hole Information					
--	--				
Bore Hole ID:	1005890928				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	24-JUL-15				
Remarks:					
Zone:	17				
East 83:	615552				
North 83:	4827937				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Overburden and Bedrock Materials Interval					
--	--	--	--	--	--
Formation ID:		1005992840			
Layer:		1			
General Color:		BROWN			
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		.9			
Formation End Depth UOM:		m			
--	--	--	--	--	--
Formation ID:		1005992841			
Layer:		2			
General Color:		GREY			
Most Common Material:		FINE SAND			
Other Materials:		SILT			
Other Materials:		LOOSE			
Formation Top Depth:		.9			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
--	--	--	--	--	--
Formation ID:		1005992842			
Layer:		3			
General Color:		GREY			
Most Common Material:		SHALE			
Other Materials:					
Other Materials:		HARD			
Formation Top Depth:		6.1			
Formation End Depth:		10.7			
Formation End Depth UOM:		m			
--	--	--	--	--	--
Annular Space/Abandonment Sealing Record					
--	--	--	--	--	--
Plug ID:		1005992850			
Layer:		1			
Plug From:		0			
Plug To:		7.4			
Plug Depth UOM:		m			
--	--	--	--	--	--
Plug ID:		1005992851			
Layer:		2			
Plug From:		7.4			
Plug To:		10.7			
Plug Depth UOM:		m			
--	--	--	--	--	--
Method of Construction & Well Use					
--	--	--	--	--	--
Method Construction ID:		1005992849			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:		DIAMOND			
--	--	--	--	--	--
Pipe Information					
--	--	--	--	--	--
Pipe ID:		1005992839			
Casing Number:		0			
Comment:					
Alt Name:					
--	--	--	--	--	--
Construction Record - Casing					
--	--	--	--	--	--
Casing ID:		1005992846			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.7			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005992847			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.7			
Screen End Depth:		10.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
--		--			
Hole Diameter					
--		--			
Hole ID:		1005992843			
Diameter:		21			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
Hole ID:		1005992844			
Diameter:		9.6			
Depth From:		6.1			
Depth To:		10.7			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			

[9](#)

4 of 4

WSW/124.9

108.8

MISSISSAUGA ON

WWIS

Well ID:	7258152	Lot:	
Construction Date::		Concession:	
Primary Water Use::	Monitoring	Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Observation Wells	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	MISSISSAUGA CITY	UTM Reliability::	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	1005890931
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	24-JUL-15
Remarks:	
Zone:	17
East 83:	615552
North 83:	4827937
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		1005992853			
Layer:		1			
General Color:		BROWN			
Most Common Material:		TOPSOIL			
Other Materials:					
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		.9			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005992854			
Layer:		2			
General Color:		GREY			
Most Common Material:		FINE SAND			
Other Materials:		SILT			
Other Materials:		LOOSE			
Formation Top Depth:		.9			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1005992861			
Layer:		1			
Plug From:		0			
Plug To:		.6			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005992862			
Layer:		2			
Plug From:		.6			
Plug To:		1.5			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005992860			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1005992852			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Casing ID:		1005992857			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		.9			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005992858			
Layer:		1			
Slot:		10			
Screen Top Depth:		.9			
Screen End Depth:		1.5			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
--		--			
Hole Diameter					
--		--			
Hole ID:		1005992855			
Diameter:		21			
Depth From:		0			
Depth To:		1.5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			
10	1 of 1	ESE/138.3	103.8	DD SMITH SALES LTD. 1408 ROMETOWN DR MISSISSAUGA ON L5E 2T4	SCT
Established:		1979			
Plant Size (ft²):		0			
Employment:		6			
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
11	1 of 1	E/155.3	102.8	1520 KENNETH DRIVE, MISSISSAUGA ON	PINC
Incident ID:				Health Impact:	
Incident No:		1724212		Environment Impact:	
Type:		FS-Pipeline Incident		Property Damage:	Yes
Status Code:		Pipeline Damage Reason Est		Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:		RC Established		Pipeline System:	
Task No:		5873698		Depth:	
Spills Action Centre:				Pipe Material:	
Method Details:		E-mail		PSIG:	
Fuel Category:		Natural Gas		Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start		2015/12/17			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Date: Operation Type: Pipeline Type: Regulator Type: Summary: 1520 KENNETH DRIVE, MISSISSAUGA - PIPELINE HIT - 1/2" Reported By: Blake Frost - ENBRIDGE Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
12	1 of 1	NNW/156.5	108.8	Mississauga ON	WWIS
Well ID: 7224341 Construction Date:: Primary Water Use:: Sec. Water Use:: Final Well Status:: Abandoned-Other Specific Capacity:: Municipality: MISSISSAUGA CITY County: PEEL Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::					
Bore Hole Information -- Bore Hole ID: 1004955889 DP2BR: Code OB: Code OB Description: Open Hole: Date Completed: 14-JUL-14 Remarks: Zone: 17 East 83: 615656 North 83: 4828178 UTMRC: 4 UTMRC Description: margin of error : 30 m - 100 m Location Method: wwr Org CS: UTM83 Elevation: Elevrc: Elevrc Description: Location Source Date: Source Revision Comment: Improvement Location Source: Improvement Location Method: Supplier Comment: Spatial Status: -- Overburden and Bedrock Materials Interval -- Formation ID: 1005232859 Layer: General Color: Most Common Material: Other Materials: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM: m -- Annular Space/Abandonment Sealing Record					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Plug ID:		1005232865			
Layer:		1			
Plug From:		0			
Plug To:		2.2			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005232866			
Layer:		2			
Plug From:		2.2			
Plug To:		3.4			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005232867			
Layer:		3			
Plug From:		3.4			
Plug To:					
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005232864			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1005232858			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1005232862			
Layer:		1			
Open Hole or Material:					
Depth From:		0			
Depth To:		3.4			
Casing Diameter:		90			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005232863			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
--		--			
Water Details					
--		--			
Water ID:		1005232861			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:					
Water Found Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Hole Diameter					
--		--			
Hole ID:		1005232860			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			
13	1 of 2	WNW/171.3	109.8	Toronto ON	WWIS
Well ID:	7168822			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observation Wells			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	MISSISSAUGA CITY			UTM Reliability::	
County:	PEEL				
Bore Hole Information					
--		--			
Bore Hole ID:	1003568220				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	02-SEP-11				
Remarks:					
Zone:	17				
East 83:	615564				
North 83:	4828086				
UTMRC:	3				
UTMRC Description:	margin of error : 10 - 30 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
Formation ID:	1003964628				
Layer:	1				
General Color:	BROWN				
Most Common Material:	SAND				
Other Materials:	GRAVEL				
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
--		--			
Formation ID:	1003964629				
Layer:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		GRAVEL			
Other Materials:		LOOSE			
Formation Top Depth:		10			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1003964636			
Layer:		1			
Plug From:		0			
Plug To:		8			
Plug Depth UOM:		ft			
--		--			
Plug ID:		1003964637			
Layer:		2			
Plug From:		8			
Plug To:		15			
Plug Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1003964635			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1003964627			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1003964632			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1003964633			
Layer:		1			
Slot:		10			
Screen Top Depth:		10			
Screen End Depth:		15			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
--		--			
Hole Diameter					
--		--			
Hole ID:		1003964630			
Diameter:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:		0			
Depth To:		15			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
--		--			
--		--			
13	2 of 2	WNW/171.3	109.8	Toronto ON	WWIS
Well ID:	7168823			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observation Wells			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	MISSISSAUGA CITY			UTM Reliability::	
County:	PEEL				
Bore Hole Information					
--	--				
Bore Hole ID:	1003568222				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	01-SEP-11				
Remarks:					
Zone:	17				
East 83:	615564				
North 83:	4828085				
UTMRC:	3				
UTMRC Description:	margin of error : 10 - 30 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock					
Materials Interval					
--	--				
Formation ID:	1003964639				
Layer:	1				
General Color:	BROWN				
Most Common Material:	SAND				
Other Materials:	GRAVEL				
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	1003964640				
Layer:	2				
General Color:	BROWN				
Most Common Material:	SAND				
Other Materials:	GRAVEL				
Other Materials:	LOOSE				
Formation Top Depth:	10				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation End Depth:	15				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	1003964641				
Layer:	3				
General Color:	GREY				
Most Common Material:	SHALE				
Other Materials:	LIMESTONE				
Other Materials:	FRACTURED				
Formation Top Depth:	15				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
--	--				
Formation ID:	1003964642				
Layer:	4				
General Color:	GREY				
Most Common Material:	LIMESTONE				
Other Materials:	SHALE				
Other Materials:	SOFT				
Formation Top Depth:	25				
Formation End Depth:	81				
Formation End Depth UOM:	ft				
--	--				
Annular Space/Abandonment Sealing Record					
--	--				
Plug ID:	1003964650				
Layer:	1				
Plug From:	81				
Plug To:	76				
Plug Depth UOM:	ft				
--	--				
Plug ID:	1003964651				
Layer:	2				
Plug From:	76				
Plug To:	47				
Plug Depth UOM:	ft				
--	--				
Plug ID:	1003964652				
Layer:	3				
Plug From:	47				
Plug To:	0				
Plug Depth UOM:	ft				
--	--				
Method of Construction & Well Use					
--	--				
Method Construction ID:	1003964649				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
--	--				
Pipe Information					
--	--				
Pipe ID:	1003964638				
Casing Number:	0				
Comment:					
Alt Name:					
--	--				
Construction Record - Casing					
--	--				
Casing ID:	1003964646				
Layer:	1				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	55				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
--	--				
--	--				
Construction Record - Screen					
--	--				
Screen ID:	1003964647				
Layer:	1				
Slot:	10				
Screen Top Depth:	65				
Screen End Depth:	55				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2				
--	--				
Hole Diameter					
--	--				
Hole ID:	1003964644				
Diameter:	8				
Depth From:	0				
Depth To:	15				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
--	--				
Hole ID:	1003964643				
Diameter:	4				
Depth From:	15				
Depth To:	81				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
--	--				
--	--				
<hr/>					
14	1 of 1	WNW/173.4	109.8	R.M. OF PEEL SOUTH SERVICE RD/DIXIE RD. MISSISSAUGA CITY ON	CA
Certificate #:	7-0269-97-				
Application Year:	97				
Issue Date:	4/15/1997				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::					
Contaminants::					
Emission Control::					
<hr/>					
15	1 of 1	NE/176.0	103.8	1475 GLENWATSON DR, MISSISSAUGA ON	PINC
Incident ID:				Health Impact:	
Incident No:	1291794			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:	RC Established			Pipeline System:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div> Task No: 4728463 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2013/12/03 Operation Type: Pipeline Type: Regulator Type: Summary: 1475 GLENWATSON DR, MISSISSAUGA - PIPELINE HIT - 1/2" Reported By: CHRIS BLACKBURN Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes: </div> <div> Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: </div> </div>					
16	1 of 1	WNW/199.4	109.8	TRANSPORT TRUCK Q.E.W. EASTBOUND AT DIXIE ROAD BRIDGE MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON	SPL
<div> Ref No: 40051 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: OTHER CONTAINER LEAK Incident Dt: 8/29/1990 Incident Reason: DAMAGE BY MOVING EQUIPMENT Incident Summary: DUMP TRUCK SADDLE TANK RUPTURED RESULTING IN 250L DIESEL TO HIGHWAY. MOE Reported Dt: 8/29/1990 Environmental Impact: POSSIBLE Nature of Impact: Water course or lake Receiving Medium: LAND SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality: 21102 </div>					
17	1 of 1	WNW/204.4	109.8	TRANSPORT TRUCK W-BOUND LANE OF THE QEW, JUST EAST OF DIXIE RD. MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON	SPL
<div> Ref No: 94668 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: OTHER CONTAINER LEAK Incident Dt: 12/20/1993 Incident Reason: EQUIPMENT FAILURE Incident Summary: TRANSPORT TRUCK - 400 L OF DIESEL FUEL TO HWY. & LAND FROM FUEL TANK. MOE Reported Dt: 12/20/1993 Environmental Impact: NOT ANTICIPATED Nature of Impact: Other Receiving Medium: LAND SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Site Municipality:		21102			
18	1 of 1	SSW/213.8	103.8	TORONTO ON	WWIS
Well ID:		7132894		Lot:	
Construction Date::				Concession:	
Primary Water Use::		Test Hole		Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::		Test Hole		Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:		MISSISSAUGA CITY		UTM Reliability::	
County:		PEEL			
Bore Hole Information					
--		--			
Bore Hole ID:		1002776656			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		31-AUG-09			
Remarks:					
Zone:		17			
East 83:		615630			
North 83:		4827721			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:		102.92			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
Formation ID:		1002980456			
Layer:		1			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:		FILL			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		1002980457			
Layer:		2			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		SILT			
Other Materials:		WATER-BEARING			
Formation Top Depth:		5			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
--		--			
Annular Space/Abandonment					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Sealing Record					
--	--	--	--	--	--
Plug ID:		1002980459			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
--	--	--	--	--	--
Plug ID:		1002980460			
Layer:		2			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
--	--	--	--	--	--
Plug ID:		1002980461			
Layer:		3			
Plug From:		2			
Plug To:		12			
Plug Depth UOM:		ft			
--	--	--	--	--	--
Method of Construction & Well Use					
--	--	--	--	--	--
Method Construction ID:		1002980466			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
--	--	--	--	--	--
Pipe Information					
--	--	--	--	--	--
Pipe ID:		1002980455			
Casing Number:		0			
Comment:					
Alt Name:					
--	--	--	--	--	--
Construction Record - Casing					
--	--	--	--	--	--
Casing ID:		1002980463			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--	--	--	--	--	--
--	--	--	--	--	--
Construction Record - Screen					
--	--	--	--	--	--
Screen ID:		1002980464			
Layer:		1			
Slot:		10			
Screen Top Depth:		2			
Screen End Depth:		12			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
--	--	--	--	--	--
Hole Diameter					
--	--	--	--	--	--
Hole ID:		1002980458			
Diameter:		8			
Depth From:		0			
Depth To:		12			
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Hole Diameter UOM:		inch			
--		--			
--		--			
19	1 of 1	SE/215.1	102.9	ON	BORE
Borehole ID:	642225			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Diamond Drill			UTM Zone::	17
Easting::	615910			Northing::	4827813
Location Accuracy::				Orig. Ground Elev m::	103
Elev. Reliability Note::				DEM Ground Elev m::	103
Total Depth m::	5.5			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	MAR-1960			Static Water Level::	.2
Primary Water Use::	Not Used			Sec. Water Use::	
--Details--					
Stratum ID:	218498950			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	SOIL,SAND. BROWN,AGE POST-GLACIAL.
Stratum ID:	218498951			Top Depth(m):	0.2
Bottom Depth(m):	1.2			Stratum Desc:	SAND-MEDIUM. BROWN,COMPACT,AGE GLACIAL, WATER STABLE AT 338.1 FEET.
Stratum ID:	218498952			Top Depth(m):	1.2
Bottom Depth(m):	3.7			Stratum Desc:	SAND-MEDIUM,CLAY, SILT,GRANULES. GREY,BROWN,COMPACT, AGE GLACIAL.
Stratum ID:	218498953			Top Depth(m):	3.7
Bottom Depth(m):	5.2			Stratum Desc:	SAND-MEDIUM,SILT. GREY,DENSE,AGE GLACIAL.
Stratum ID:	218498954			Top Depth(m):	5.2
Bottom Depth(m):	5.4			Stratum Desc:	SHALE,CLAY. GREY,BROWN,WEATHERED,HARD, AGE GLACIAL.
Stratum ID:	218498955			Top Depth(m):	5.4
Bottom Depth(m):	5.5			Stratum Desc:	BEDROCK,SHALE. AGE PALEOZOIC. 018 014 017 000070160004002100123030
20	1 of 1	SE/215.8	102.8	ON	BORE
Borehole ID:	642224			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Diamond Drill			UTM Zone::	17
Easting::	615935			Northing::	4827843
Location Accuracy::				Orig. Ground Elev m::	103
Elev. Reliability Note::				DEM Ground Elev m::	103
Total Depth m::	6.8			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	MAR-1960			Static Water Level::	.2
Primary Water Use::	Not Used			Sec. Water Use::	
--Details--					
Stratum ID:	218498944			Top Depth(m):	0.0

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bottom Depth(m):	0.2			Stratum Desc:	SOIL,PEAT. BLACK,AGE POST-GLACIAL.
Stratum ID:	218498945			Top Depth(m):	0.2
Bottom Depth(m):	1.8			Stratum Desc:	SAND-MEDIUM. BROWN,COMPACT,AGE GLACIAL, WATER STABLE AT 339.0 FEET.
Stratum ID:	218498946			Top Depth(m):	1.8
Bottom Depth(m):	2.7			Stratum Desc:	SAND-FINE,GRAVEL, CLAY,SILT. BROWN,DENSE,AGE GLACIAL.
Stratum ID:	218498947			Top Depth(m):	2.7
Bottom Depth(m):	4.8			Stratum Desc:	SAND-MEDIUM,SILT. GREY,BROWN,VERY DENSE, AGE GLACIAL.
Stratum ID:	218498948			Top Depth(m):	4.8
Bottom Depth(m):	6.2			Stratum Desc:	SAND-FINE TO MEDIUM,GRANULES. GREY,BROWN,COMPACT, AGE GLACIAL.
Stratum ID:	218498949			Top Depth(m):	6.2
Bottom Depth(m):	6.8			Stratum Desc:	SHALE,CLAY,SILT. GREY,WEATHERED,VERY SOFT, AGE GLACIAL. 055 015 020

<u>21</u>	1 of 1	E/232.2	101.9	R.M. OF PEEL KENNETH DR/ORCHARD HAVEN RIDGE MISSISSAUGA CITY ON	CA
Certificate #:	7-0775-93-				
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::					

<u>22</u>	1 of 12	SW/253.5	104.0	Michaels Stores, Inc. 1250 S Service Rd Mississauga ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:	ON9381813				
Approval Yrs::	2013				
SIC Code:	451130				
SIC Description:	SEWING, NEEDLEWORK AND PIECE GOODS STORES				
--Details--					
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS Waste Code: 146 Waste Description: OTHER SPECIFIED INORGANICS Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS					
22	2 of 12	SW/253.5	104.0	Fonds de placement immobilier Cominar 1250 South Service Road Mississauga ON L5E 1V4	GEN
PO Box Num: Status: Registered Country: Canada Generator #: ON7370880 Approval Yrs:: As of Sep 2016 SIC Code: SIC Description:					
--Details-- Waste Code: 145 L Waste Description: Wastes from the use of pigments, coatings and paints Waste Code: 145 I Waste Description: Wastes from the use of pigments, coatings and paints Waste Code: 146 L Waste Description: Other specified inorganic sludges, slurries or solids Waste Code: 211 I Waste Description: Aromatic solvents and residues Waste Code: 252 L Waste Description: Waste crankcase oils and lubricants Waste Code: 263 L Waste Description: Misc. waste organic chemicals Waste Code: 241 L Waste Description: Halogenated solvents and residues					
22	3 of 12	SW/253.5	104.0	Ivanhoe Cambridge II Inc. 1250 South Service Road Mississauga ON	GEN
PO Box Num: Status: Country: Generator #: ON7370880 Approval Yrs:: 2013 SIC Code: 531310 SIC Description: REAL ESTATE PROPERTY MANAGERS					
--Details-- Waste Code: 252					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
22	4 of 12	SW/253.5	104.0	Ivanhoe Cambridge 1250 South Service Road Mississauga ON L5E 1V4	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON5804930			
Approval Yrs.:		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		241 L			
Waste Description:		Halogenated solvents and residues			
22	5 of 12	SW/253.5	104.0	Loblaw Companies Inc 1250 South Service Rd. Mississauga ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON7635378			
Approval Yrs.:		As of May 2015			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		312			
Waste Description:		Pathological wastes			
22	6 of 12	SW/253.5	104.0	Michaels Stores, Inc. 1250 S Service Rd Mississauga ON L5E 1V4	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON9381813			
Approval Yrs.:		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		122 C			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Code:		146 T			
Waste Description:		Other specified inorganic sludges, slurries or solids			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Waste Code:		148 L			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		148 A			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
Waste Code:		263 L			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		263 A			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		212 I			
Waste Description:		Aliphatic solvents and residues			
Waste Code:		262 L			
Waste Description:		Detergents and soaps			
Waste Code:		331 L			
Waste Description:		Waste compressed gases including cylinders			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
<hr/>					
<u>22</u>	7 of 12	SW/253.5	104.0	Loblaw Companies Inc 1250 South Service Rd. Mississauga ON L5E 1V4	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON7635378			
Approval Yrs.:		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
<hr/>					
<u>22</u>	8 of 12	SW/253.5	104.0	Dr. Tenny Leung Dentistry Professional Corporation 45-1250 South Service Road Mississauga ON L5E 1V4	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON9304288			
Approval Yrs.:		As of Sep 2016			
SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:					
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
22	9 of 12	SW/253.5	104.0	Ivanhoe Cambridge II Inc. 1250 South Service Road Mississauga ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON7370880			
Approval Yrs.:		2012			
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
22	10 of 12	SW/253.5	104.0	1460336 ONTARIO LTD O/A CHRIS & STACEY'S NO FRILLS 1250 SOUTH SERVICE RD MISSISSAUGA ON L5E1V4	PES
Detail Licence No.:					
Licence Type:					
22	11 of 12	SW/253.5	104.0	Veri-Term<UNOFFICIAL> 1250 South Service Rd Mississauga ON L5E 1V4	SPL
Ref No:		5730-9RFKUR			
Contaminant Code:		38			
Contaminant Name:		REFRIGERANT GAS, N.O.S.			
Contaminant Quantity:		125 kg			
Incident Cause:		Leak/Break			
Incident Dt:		2014/11/24			
Incident Reason:		Equipment Failure			
Incident Summary:		125kg ref to atm			
MOE Reported Dt:		2014/12/03			
Environmental Impact:					
Nature of Impact:		Air			
Receiving Medium:					
SAC Action Class:		Air Spills - Gases and Vapours			
Sector Source Type:		Pipeline/Components			
Receiving Environment:					
Incident Event:					
Site Municipality:		Mississauga			
22	12 of 12	SW/253.5	104.0	1250 Service Rd Mississauga ON	SPL
Ref No:		5562-AAZ3DZ			
Contaminant Code:		38			
Contaminant Name:		FREON (CFC)			
Contaminant Quantity:		91 kg			
Incident Cause:					
Incident Dt:		2016/06/16			
Incident Reason:		Equipment Failure			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Incident Summary: MOE Reported Dt: Environmental Impact: Nature of Impact: Receiving Medium: SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:		200 pounds of R507 to the environment _ No Frills Dixie M. Mississauga 2016/06/16 Air Spills - Gases and Vapours Miscellaneous Industrial Air Leak/Break Mississauga			
23	1 of 2	W/258.7	109.4	MISSISSAUGA ON	WWIS
Well ID: Construction Date:: Primary Water Use:: Sec. Water Use:: Final Well Status:: Specific Capacity:: Municipality: County:		7258148 Monitoring Observation Wells MISSISSAUGA CITY PEEL		Lot: Concession: Concession Name: Easting NAD83:: Northing NAD83:: Zone:: UTM Reliability::	
Bore Hole Information					
--		--			
Bore Hole ID:		1005890891			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		24-JUL-15			
Remarks:					
Zone:		17			
East 83:		615426			
North 83:		4828019			
UTMRC:		4			
UTMRC Description:		margin of error : 30 m - 100 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
Formation ID:		1005992804			
Layer:		1			
General Color:		BROWN			
Most Common Material:		FINE SAND			
Other Materials:		FILL			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		2.4			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005992805			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
General Color:		GREY			
Most Common Material:		SHALE			
Other Materials:					
Other Materials:		HARD			
Formation Top Depth:		2.4			
Formation End Depth:		10.7			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1005992813			
Layer:		1			
Plug From:		0			
Plug To:		7.4			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005992814			
Layer:		2			
Plug From:		7.4			
Plug To:		10.7			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005992812			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:		DIAMOND			
--		--			
Pipe Information					
--		--			
Pipe ID:		1005992803			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1005992809			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.7			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005992810			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.7			
Screen End Depth:		10.7			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
--		--			
Hole Diameter					
--		--			
Hole ID:		1005992806			
Diameter:		21			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:		0			
Depth To:		6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
Hole ID:		1005992807			
Diameter:		9.8			
Depth From:		6			
Depth To:		10.7			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			
23	2 of 2	W/258.7	109.4	MISSISSAUGA ON	WWIS
Well ID:	7258147			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Monitoring			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observation Wells			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	MISSISSAUGA CITY			UTM Reliability::	
County:	PEEL				
Bore Hole Information					
--	--				
Bore Hole ID:	1005890888				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	24-JUL-15				
Remarks:					
Zone:	17				
East 83:	615426				
North 83:	4828019				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock					
Materials Interval					
--	--				
Formation ID:	1005992793				
Layer:	1				
General Color:	BROWN				
Most Common Material:	FINE SAND				
Other Materials:	FILL				
Other Materials:	LOOSE				
Formation Top Depth:	0				
Formation End Depth:	2.4				
Formation End Depth UOM:	m				
--	--				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation ID:		1005992794			
Layer:		2			
General Color:		GREY			
Most Common Material:		SHALE			
Other Materials:					
Other Materials:		HARD			
Formation Top Depth:		2.4			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1005992801			
Layer:		1			
Plug From:		0			
Plug To:		4.6			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005992802			
Layer:		2			
Plug From:		4.6			
Plug To:		6.1			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005992800			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:		DIAMOND			
--		--			
Pipe Information					
--		--			
Pipe ID:		1005992792			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1005992797			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.9			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005992798			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.9			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
--		--			
Hole Diameter					
--		--			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM: -- --		1005992795 21 0 6.1 m cm -- --			
24	1 of 2	SE/270.5	101.8	1397 Londonderry Blvd Mississauga ON L5E 2S2	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info Ordered:: Report Date: Report Type: Search Radius (km):		20001003001 20001003001 10/6/00 Complete Report 0.25			
24	2 of 2	SE/270.5	101.8	1397 Londonderry Blvd Mississauga ON L5E 2S2	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info Ordered:: Report Date: Report Type: Search Radius (km):		20001017007 20001017007 10/25/00 Custom Report 2.00			
25	1 of 1	SSW/275.7	102.9	1250 Service Rd S Mississauga ON L5E1V4	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info Ordered:: Report Date: Report Type: Search Radius (km):		L5E1V4 Mississauga 1250 Service Rd S ON 20151130022 20151130022 04-DEC-15 Standard Report .25			
26	1 of 1	SE/279.3	101.8	ROYAL FUR COMPANY 1487 DIXIE RD MISSISSAUGA ON L5E 2P7	SCT
Established: Plant Size (ft²): Employment:		1974 0 3			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Description:		FUR GOODS			
SIC/NAICS Code:		2371			
27	1 of 1	N/279.8	106.8	ROSS PLEWES LANDSCAPE LTD 1492 SOUTH SERVICE RD MISSISSAUGA ON L5E 1V6	PES
Detail Licence No.:					
Licence Type:					
28	1 of 1	W/281.5	107.8	ON	BORE
Borehole ID:		647998	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status::		
Drill Method::		Power auger	UTM Zone::		17
Easting::		615395	Northing::		4827943
Location Accuracy::			Orig. Ground Elev m::		105
Elev. Reliability Note::			DEM Ground Elev m::		104
Total Depth m::		4.6	Primary Name::		
Township::			Concession::		
Lot::			Municipality:		
Completion Date::		MAY-1961	Static Water Level::		.4
Primary Water Use::		Not Used	Sec. Water Use::		
--Details--					
Stratum ID:		218521070	Top Depth(m):		0.0
Bottom Depth(m):		1.8	Stratum Desc:		SAND-FINE TO MEDIUM,SILT. BROWN,BEACH,LOOSE, AGE POST- GLACIAL.
Stratum ID:		218521071	Top Depth(m):		1.8
Bottom Depth(m):		2.4	Stratum Desc:		TILL. GREY, GLACIAL, HARD, AGE GLACIAL, WATER STABLE AT 343.8 FEET.
Stratum ID:		218521072	Top Depth(m):		2.4
Bottom Depth(m):		3.7	Stratum Desc:		CLAY, SILT, SAND, SHALE GREY, GLACIAL, HA RD, AGE GLACIAL.
Stratum ID:		218521073	Top Depth(m):		3.7
Bottom Depth(m):		4.6	Stratum Desc:		SHALE, CLAY. GREY, WEATHERED, SOFT, LAYERED, AGE ORDOVICIAN. 0000006000600200008004000009
29	1 of 1	SSW/282.6	103.5	1250 Service Rd S Mississauga ON L5E1V4	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20140626020			
Addit. Info Ordered::		Fire Insur. Maps and/or Site Plans			
Report Date:		08-JUL-14			
Report Type:		Custom Report			
Search Radius (km):		.25			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
30	1 of 1	S/289.5	102.4	con 2 ON	WWIS
Well ID:		4908730	Lot:		
Construction Date::			Concession: 02		
Primary Water Use::			Concession Name: DS S		
Sec. Water Use::			Easting NAD83::		
Final Well Status::		Abandoned-Other	Northing NAD83::		
Specific Capacity::			Zone::		
Municipality:		MISSISSAUGA CITY	UTM Reliability::		
County:		PEEL			
Bore Hole Information					
--		--			
Bore Hole ID:		10323265			
DP2BR:					
Code OB:		--			
Code OB Description:		No formation data			
Open Hole:					
Date Completed:		10-APR-01			
Remarks:					
Zone:		17			
East 83:		615682			
North 83:		4827629			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		gps			
Org CS:					
Elevation:		102.4			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		964908730			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10871835			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
31	1 of 1	NNE/291.2	105.6	R.M. OF PEEL PARK ROYALE BLVD./LIVEOAK DR. MISSISSAUGA CITY ON	CA
Certificate #:		7-0395-94-			
Application Year:		94			
Issue Date:		5/19/1994			
Approval Type:		Municipal water			
Status:		Approved			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<hr/>					
<i>Application Type:</i>					
<i>Client Name::</i>					
<i>Client Address::</i>					
<i>Client City::</i>					
<i>Client Postal Code::</i>					
<i>Project Description::</i>					
<i>Contaminants::</i>					
<i>Emission Control::</i>					

Unplottable Summary

Total: **20** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	T.J. VARKONY & ASSOC. INC.	DIXIE RD.	MISSISSAUGA CITY ON	
CA	T.J. YARKONY & ASSOC. INC.	DIXIE RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	DIXIE RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	DIXIE ROAD	MISSISSAUGA CITY ON	
CA		Dixie Rd.	Mississauga ON	
CA	R.M. OF PEEL	DIXIE RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	ROMETOWN DR.	MISSISSAUGA CITY ON	
CONV	LOBLAWS SUPERMARKETS LIMITED		ON	
SPL		South Service Rd (between Alexandra to Ogden Ave)	Mississauga ON	
SPL	ONTARIO HYDRO	"HAIG JUNCTION" (SOUTH SERVICE RD. QEW, BETWEEN DIXIE AND CAWTHRA RDS. TRANSFORMER	MISSISSAUGA CITY ON	
SPL	SHIPPIGAN FISHERIES	QEW TRANSPORT TRUCK (CARGO)	MISSISSAUGA CITY ON	
SPL	TRANSPORT TRUCK	QEW (EASTBOUND) MISSISSAUGA OFF-RAMP AND BETWEEN WINSTON CHUR. & ERINS MILLS MOTOR VEHICLE (OPERATING FLUID)	MISSISSAUGA CITY ON	
SPL	The Regional Municipality of Peel	NORTH SERVICE RD. BETWEEN COOKSVILLE CREEK & WEST CLIFF RD.<UNOFFICIAL>	Mississauga ON	
SPL	Doctor Green Ltd.	DIXIE RD. SOUTH<UNOFFICIAL>	Mississauga ON	
SPL	2038642 Ontario Inc.<UNOFFICIAL>	SOUTHBOUND LANES OF DIXIE RD WHERE IT INTERSECTS WITH SHAWSON DRIVE<UNOFFICIAL>	Mississauga ON	
SPL	ONTARIO HYDRO	APPLEWOOD PLAZA PARKING LOT, BETWEEN DIXIE RD/CAWTHRA RD. HIGH VOLTAGE CABLE	MISSISSAUGA CITY ON	

SPL	ONTARIO HYDRO	APPLEWOOD PLAZA PARKING LOT, BETWEEN DIXIE RD/CAWTHRA RD. HIGH VOLTAGE CABLE	MISSISSAUGA CITY ON
SPL	Enersource Hydro Mississauga Inc.		Mississauga ON
SPL	Enersource Hydro Mississauga Inc.		Mississauga ON
SPL	TRANSPORT TRUCK	AT THE TIM HORTON'S PARKING LOT ON DIXIE ROAD AND HWY 401 TRANSPORT TRUCK (CARGO)	MISSISSAUGA CITY ON

Unplottable Report

Site: T.J. VARKONY & ASSOC. INC.
DIXIE RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 7-0390-87-
Application Year: 87
Issue Date: 5/4/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: T.J. YARKONY & ASSOC. INC.
DIXIE RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0476-87-
Application Year: 87
Issue Date: 5/4/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF PEEL
DIXIE RD. MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0305-86-
Application Year: 86
Issue Date: 3/27/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF PEEL
DIXIE ROAD MISSISSAUGA CITY ON

Database:
CA

Certificate #: 3-0119-87-

Application Year: 87
Issue Date: 3/4/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **Dixie Rd. Mississauga ON**

Database:
CA

Certificate #: 4014-4V9NXF
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the Regional Municipality of Peel
Client Address:: 10 Peel Centre Drive
Client City:: Brampton
Client Postal Code:: L6T 4B9
Project Description:: Construction of watermain: Dixie Rd.
Contaminants::
Emission Control::

Site: **R.M. OF PEEL
DIXIE RD. MISSISSAUGA CITY ON**

Database:
CA

Certificate #: 7-1909-87-
Application Year: 87
Issue Date: 1/12/1988
Approval Type: Municipal water
Status: Approved in 1988
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **R.M. OF PEEL
ROMETOWN DR. MISSISSAUGA CITY ON**

Database:
CA

Certificate #: 7-0603-86-
Application Year: 86
Issue Date: 6/20/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: LOBLAWS SUPERMARKETS LIMITED
ON

Database:
CONV

File No.:
Publication Title:
Publication City:
Url:
Crown Brief No.: 02-0108-0749
Ministry District: YORK-DURHAM
Region: CENTRAL REGION
Description: STORE AND DISPLAY PESTICIDE IN MANNER LIKELY TO BRING IT INTO CONTACT WITH FOOD.

--Details--

Publication Date:
Count: 1
Act: PA
Regulation: 914
Section: 125(C)
Act/Regulation/Section: PA 914 125(C)
Date Charged: 3/24/2003
Charge Disposition: FINED
Fine: \$7000

Site: South Service Rd (between Alexandra to Ogden Ave) Mississauga ON

Database:
SPL

Ref No: 0627-79UTMV
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 10 L
Incident Cause: Other Discharges
Incident Dt:
Incident Reason: Unknown - Reason not determined
Incident Summary: South Service Rd: <10 L diesel to shoulder, contd,clng
MOE Reported Dt: 12/13/2007
Environmental Impact: Possible
Nature of Impact: Other Impact(s); Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: ONTARIO HYDRO
"HAIG JUNCTION" (SOUTH SERVICE RD. QEW, BETWEEN DIXIE AND CAWTHRA RDS. TRANSFORMER
MISSISSAUGA CITY ON

Database:
SPL

Ref No: 43019
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 11/4/1990
Incident Reason: UNKNOWN
Incident Summary: ONTARIO HYDRO - 20 L. LINE INSULATING OIL TO GROUND, CONTAINED.
MOE Reported Dt: 11/4/1990
Environmental Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:

Incident Event:
Site Municipality: 21102

Site: SHIPPIGAN FISHERIES
QEW TRANSPORT TRUCK (CARGO) MISSISSAUGA CITY ON

Database:
SPL

Ref No: 31678
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Dt: 3/6/1990
Incident Reason: ADVERSE ROAD CONDITION
Incident Summary: SHIPPIGAN FISHERIES: 150LDIESEL FUEL TO ROADWAY
MOE Reported Dt: 3/6/1990
Environmental Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21102

Site: TRANSPORT TRUCK
QEW (EASTBOUND) MISSISSAUGA OFF-RAMP AND BETWEEN WINSTON CHUR. & ERINS MILLS MOTOR
VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON

Database:
SPL

Ref No: 93073
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Dt: 11/5/1993
Incident Reason: MATERIAL FAILURE
Incident Summary: RIEGER PRINTING: 340 L DIESEL FUEL TO QEW & DITCH FROM LEAKING SADDLE TANK.
MOE Reported Dt: 11/5/1993
Environmental Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21102

Site: The Regional Municipality of Peel
NORTH SERVICE RD. BETWEEN COOKSVILLE CREEK & WEST CLIFF RD.<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No: 7166-5RW779
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Quantity:
Incident Cause: Other Discharges
Incident Dt: 9/30/2003
Incident Reason:
Incident Summary: Sewage surging from manhole.
MOE Reported Dt: 9/30/2003
Environmental Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class: Spills
Sector Source Type: Other Plant - Sewage Municipal
Receiving Environment:

Incident Event:
Site Municipality: Mississauga

Site: Doctor Green Ltd.
DIXIE RD. SOUTH<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No: 0868-633S5K
Contaminant Code: 25
Contaminant Name: HERBICIDE (N.O.S.)
Contaminant Quantity:
Incident Cause: Other Transport Accident
Incident Dt: 7/19/2004
Incident Reason: Equipment/Vehicles
Incident Summary: DUPLICATE -10 gal. TriKill solution to road.
MOE Reported Dt: 7/20/2004
Environmental Impact: Possible
Nature of Impact: Other Impact(s)
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other Motor Vehicle
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: 2038642 Ontario Inc.<UNOFFICIAL>
SOUTHBOUND LANES OF DIXIE RD WHERE IT INTERSECTS WITH SHAWSON DRIVE<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No: 8016-6RUK6R
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 125 L
Incident Cause:
Incident Dt: 7/19/2006
Incident Reason:
Incident Summary: Dixie and Shawson, hydraulic oil spill to road
MOE Reported Dt: 7/19/2006
Environmental Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other Motor Vehicle
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: ONTARIO HYDRO
APPLEWOOD PLAZA PARKING LOT, BETWEEN DIXIE RD/CAWTHRA RD. HIGH VOLTAGE CABLE
MISSISSAUGA CITY ON

Database:
SPL

Ref No: 141496
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 6/2/1997
Incident Reason: ERROR
Incident Summary: ONTARIO HYDRO-400 L MINE-RAL OIL LEAK FROM UNDER- GROUND CABLE, CLEANING UP
MOE Reported Dt: 6/2/1997
Environmental Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:

Receiving Environment:
Incident Event:
Site Municipality: 21102

Site: ONTARIO HYDRO
APPLEWOOD PLAZA PARKING LOT, BETWEEN DIXIE RD/CAWTHRA RD. HIGH VOLTAGE CABLE
MISSISSAUGA CITY ON

Database:
SPL

Ref No: 139644
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 4/16/1997
Incident Reason: ERROR
Incident Summary: ONTARIO HYDRO-220 L MINE-RAL OIL LEAK FROM UNDER- GROUND CABLE, CLEANING UP
MOE Reported Dt: 4/17/1997
Environmental Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21102

Site: Enersource Hydro Mississauga Inc.
Mississauga ON

Database:
SPL

Ref No: 4022-9LERFW
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Quantity: 40 L
Incident Cause: Collision/Accident
Incident Dt: 2014/06/25
Incident Reason: Unknown / N/A
Incident Summary: 40L pcb (14ppm) transformer oil to road, cb, cleaning
MOE Reported Dt: 2014/06/25
Environmental Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Transformer
Receiving Environment:
Incident Event:
Site Municipality: Mississauga

Site: Enersource Hydro Mississauga Inc.
Mississauga ON

Database:
SPL

Ref No: 8785-9KBJTE
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Quantity: 118 L
Incident Cause: Leak/Break
Incident Dt: 2014/04/28
Incident Reason: Equipment Failure
Incident Summary: Enersource Hydro: 118L non PCB transformer oil to grd
MOE Reported Dt: 2014/05/21
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium:
SAC Action Class: Land Spills
Sector Source Type: Transformer

Receiving Environment:

Incident Event:

Site Municipality: Mississauga

Site: **TRANSPORT TRUCK**
AT THE TIM HORTON'S PARKING LOT ON DIXIE ROAD AND HWY 401 TRANSPORT TRUCK (CARGO)
MISSISSAUGA CITY ON

Database:
SPL

Ref No: 177190

Contaminant Code:

Contaminant Name:

Contaminant Quantity:

Incident Cause: OTHER CONTAINER LEAK

Incident Dt: 2/1/2000

Incident Reason: ERROR

Incident Summary: J.C. EXPRESS CARTAGE:180 L OF VEGETABLE OIL TO PAVED PARKING LOT,CONTAIN

MOE Reported Dt: 2/1/2000

Environmental Impact: NOT ANTICIPATED

Nature of Impact:

Receiving Medium: LAND

SAC Action Class:

Sector Source Type:

Receiving Environment:

Incident Event:

Site Municipality: 21102

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2016

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 - Oct 2016

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999 - Oct 2016

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Mar 2017

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Apr 2017

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Mar 2017

Environmental Registry:

Provincial

EBR

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

Government Publication Date: 1994-Apr 2017

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Oct 2011-Mar 2017

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System:

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial

EXP

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: June 2000-Aug 2016

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-Sept 2003

Fuel Storage Tank:

Provincial

FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2015

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2016

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008 - Dec 2016

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: 1993-2014**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-Jan 2017**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

Government Publication Date: 1800-Oct 2016**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-Apr 2017**Canadian Pulp and Paper:**

Private

PAP

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

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

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Apr 2017

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2013

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-Dec 2016

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 - Oct 2016

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-Dec 2016

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: 1990-2014

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-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: 1970-Mar 2017

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: Jun 30, 2016

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.