S2S PROJECT NO. 11644

REPORT TO

1672735 ONTARIO INC.

ON

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

2620 CHALKWELL CLOSE
MISSISSAUGA, ONTARIO

CONDUCTED BY:

S2S Environmental Inc.

1099 KINGSTON ROAD, SUITE 260
PICKERING, ONTARIO
L1V 1B5

TEL: (416) 410-4333
FAX: (416) 410-4088
www.s2se.com

JANUARY 16, 2024

EXECUTIVE SUMMARY

S2S Environmental Inc. (S2S) was retained by 1672735 Ontario Inc. (Client) to conduct a Phase One Environmental Site Assessment (ESA) of the vacant (formerly institutional) property located at 2620 Chalkwell Close in Mississauga, Ontario (Phase One Property). For the purposes of this report, Chalkwell Close, adjacent to the east portion of the Phase One Property, was referenced to be generally oriented in a northwest-southeast direction.

At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot, and the entire Phase One Property consisted of landscaped areas. No buildings or structures were located on the Phase One Property at the time of the site reconnaissance. Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property. No asphalt paved surface parking and driveway areas were present on the Phase One Property. The Phase One Property had a total area of 2.0 hectares (4.9 acres). The Property Identification Number (PIN) for the Phase One Property was 13430-0233 (LT). At the time of the site reconnaissance, the Phase One Property was reportedly owned and managed by 1672735 Ontario Inc.

It is understood that this Phase One ESA is being completed in support of a Zoning Bylaw Amendment application with the City of Mississauga (the City); therefore, this Phase One ESA was completed in accordance with *Ontario Regulation 153/04 Records of Site Condition – Part XV.1 of the Environmental Protection Act (O. Reg. 153/04, as amended).*

Based on information gathered and observations made, the Phase One ESA has identified the following Potentially Contaminating Activities (PCAs, based on the *O. Reg. 153/04, as amended* – Table 2: Potentially Contaminating Activities) within the Phase One Study Area resulting in Areas of Potential Environmental Concern (APECs) at the Phase One Property:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (on-site or off site)	Contaminants of Potential Concern (COPC)[1]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Southeast portion of the Phase One Property	PCA 1: - Other *(Petroleum hydrocarbon (PHC) fractions F2 and F3 impacted groundwater based on previous groundwater investigations identified in 2018 in historical groundwater*	On-site	PHC fractions F2 and F3	Groundwater

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (on-site or off site)	Contaminants of Potential Concern (COPC)[1]	Media Potentially Impacted (Groundwater, soil and/or sediment)
		monitoring wells BH101 and BH102)			
APEC 2	Southeast portion of the Phase One Property	PCA 2: - Other *(PHC fractions F2 and F3 impacted groundwater were identified in 2018. However, a subsequent round of sampling was completed which identified no groundwater exceedances.)*	On-site	PHC fractions F2 and F3	Groundwater
APEC 3	Entire Phase One Property	PCA 3: #30 – Importation of Fill Material of Unknown Quality *(Fill materials of unknown quality at the Phase One Property)*	On-site	PAHs, metals including As, Sb, Se, B-HWS, Cr (VI), Hg, CN^-, EC, SAR	Soil
APEC 4	Central and East Portions of Phase One Property	PCA 4: - Other *(Previous soil exceedances of EC and SAR in the backfill (taken from the historical parking lot) used on the east portion of the Phase One Property*	On-site	EC, SAR	Soil

Notes:

1- The acronyms noted above indicate the following contaminants of potential concern: petroleum hydrocarbons (PHCs); polycyclic aromatic hydrocarbons (PAHs); arsenic (As), antimony (Sb), selenium (Se), chromium VI (Cr(VI)); mercury (Hg); cyanide (CN-); boron (hot water soluble) (B-HWS); Electrical Conductivity (EC); Sodium Adsorption Ratio (SAR).

Discussions

Previous subsurface investigations were completed by Occupational Hygiene & Environment Consultants (OHE) in 2018 and by WSP Canada Inc. (WSP) in 2018 to 2022 on the Phase One Property, in order to investigate a historical underground storage tank (UST) located on the exterior southeast side of the former school building, generally located on the southeast portion of the Phase

One Property, which was removed in late 2018 to 2019. Based on the APECs noted above, further information should be noted below:

APEC 1:

Groundwater exceedances of PHC fractions F2 and F3 were identified in the historical groundwater monitoring wells BH101 and BH102 (historically located on the southeast portion of the Phase One Property) in 2018 when compared to the applicable 2011 MECP Table 3 Site Condition Standards for Non-Potable Groundwater Condition for Residential/Parkland/ Institutional property use (hereinafter referred to as the "2011 MECP Table 3 Standards") with medium/fine-textured soils. The concentrations of PHC fractions F2 and F3 were as follows:

- BH101
  - PHC fraction F2 (27,000 µg/L versus (vs.) a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (21,000 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH102
  - PHC fraction F2 (11,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (7,700 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).

Based on a review of the provided previous environmental reports, the depths to groundwater in the above-noted historical groundwater monitoring wells were 2.7 m below grade surface (bgs) and 3.0 m bgs in October 2018. These groundwater monitoring wells were located within the initial soil excavation, which was completed to bedrock at a reported depth of approximately 3.5 m bgs in the vicinity of BH101 and BH102 in 2019. Therefore, impacted groundwater within the excavation has likely been removed. Furthermore, at that time, no additional soil exceedances were identified with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils in the vicinity of the above-noted historical groundwater monitoring wells. Therefore, though groundwater was not tested as part of the confirmatory sampling program, the likelihood of significant groundwater contamination is low.

APEC 2:

Groundwater exceedances were identified in the historical groundwater monitoring wells BH103, BH205, BH207 and BH207 (Dup-4) (historically located on the southeast portion of the Phase One Property) for PHC fractions F2 (all of the previously listed groundwater monitoring wells) and F3 (only in groundwater monitoring well BH103) in 2018 by OHE as follows:

- BH103
  - PHC fraction F2 (1,910 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (550 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH205S
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).

- BH207
    - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207 (Dup4)
    - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).

However, these groundwater monitoring wells were resampled by WSP in 2018, and no exceedances with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils were identified in groundwater at that time. Given the generally marginal exceedances listed above (excluding BH103), it is likely that no further remediation is required. However, it is recommended that groundwater monitoring and sampling be completed in the vicinity of the above-noted historical groundwater monitoring wells, such that two successive monitoring events (indicating no groundwater exceedances) be completed as part of the redevelopment process of the Phase One Property to confirm the quality of the groundwater in accordance with the MECP O. Reg. 153/04, as amended.

APEC 3:

Phase One and Two ESAs were completed by OHE in 2018 for the Phase One Property; however, it should be noted that the Client was not permitted to provide these environmental reports to S2S for review. Therefore, based on the summary of the above-noted environmental reports from the "Supplemental Environmental Soil and Groundwater Investigation, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by WSP, dated April 2019, the quality of fill material was not investigated as part of the 2018 OHE Phase Two ESA report.

Fill materials may have been placed at various locations when the Phase One Property was in the process of being developed (i.e., construction/development). However, given the current property use (vacant lot), it is recommended that the above-noted APEC be further investigated as part of the redevelopment process of the Phase One Property to confirm the quality of the soil in accordance with the MECP *O. Reg. 153/04, as amended*.

APEC 4:

Based on a review of the 2022 WSP UST Removal and Soil Excavation Report, EC and SAR impacted soil from the historical parking lot (previously located on the central and east portions of the Phase One Property) of the Phase One Property were reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

A written request under the Freedom of Information and Protection of Privacy Act (FOIPPA) was made to the MECP with regards to the Phase One Property on December 12, 2023. As of the date of issuance of this report, a written response has not yet been received from the MECP.

The statements made in this Executive Summary text are subject to the same limitations included in the Closure (see Section 10.0) and are to be read in conjunction with the remainder of this report.

TABLE OF CONTENTS

Page No.

LIST OF APPENDICES AND TABLES

APPENDICES

TABLES

GLOSSARY OF TERMS

ACM	Asbestos-Containing Material
APEC	Area of Potential Environmental Concern
ANSI	Areas of Natural and Scientific Interest
AST	Aboveground Storage Tank
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CFC	Chlorofluorocarbon
COPC	Contaminants of Potential Concern
CSA	Canadian Standards Association
CSM	Conceptual Site Model
DSS	Designated Substance Survey
EC	Electrical Conductivity
EMF	Electromagnetic Fields
EMS	Environmental Management System
ERIS	Environmental Risk Information Service
ESA	Environmental Site Assessment
FIP	Fire Insurance Plan
FOI	Freedom of Information
HBFC	Hydrobromofluorocarbon
HCFC	Hydrochlorofluorocarbon
HVAC	Heating Ventilation and Air Conditioning
HWIN	Hazardous Waste Information Network
HWIS	Hazardous Waste Information Systems
MECP	Ministry of the Environment, Conservation and Parks
m bgs	meters below ground surface
OBM	Ontario Base Map
O. Reg.	Ontario Regulation
ODS	Ozone Depleting Substance
Opta	Opta Information Intelligence Inc.
PAH	Polycyclic Aromatic Hydrocarbon
PCA	Potentially Contaminating Activity
PCB	Polychlorinated Biphenyl
PHC	Petroleum Hydrocarbon
PIN	Property Identification Number
PUP	Property Underwriters Plan
PUR	Property Underwriters Report
RFO	Retail Fuel Outlet
RSC	Record of Site Condition
SAC	Spills Action Centre
SAR	Sodium Adsorption Ratio
TPH	Total Petroleum Hydrocarbon
TSSA	Technical Standards & Safety Authority
UFFI	Urea Formaldehyde Foam Insulation
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

S2S Environmental Inc. (S2S) was retained by 1672735 Ontario Inc. (Client) to conduct a Phase One Environmental Site Assessment (ESA) of the vacant (formerly institutional) property located at 2620 Chalkwell Close in Mississauga, Ontario (Phase One Property). For the purposes of this report, Chalkwell Close, adjacent to the east portion of the Phase One Property, was referenced to be generally oriented in a northwest-southeast direction.

This Phase One ESA was completed in accordance with *O. Reg. 153/04 Records of Site Condition – Part XV.1 of the Environmental Protection Act (O. Reg. 153/04, as amended)*. It is understood that this Phase One ESA is being completed in support of a Zoning Bylaw Amendment application with the City of Mississauga (the City); therefore, this Phase One ESA was completed in accordance with *O. Reg. 153/04, as amended*.

The purpose of the Phase One ESA was to identify where any PCAs are occurring, or have occurred, which may have resulted in the identification of current or historic APECs at the Phase One Property (i.e. PCAs as outlined in Table 2 of Schedule D of *O. Reg. 153/04, as amended)*, as well as to determine whether a Phase Two ESA is required at the Phase One Property.

1.1 Phase One Property Information

The Phase One Property was located on the west side of the cul-de-sac of Chalkwell Close, approximately 75 m northwest of the intersection of Karenza Road and Chalkwell Close. At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot, and the entire Phase One Property consisted of landscaped areas. No buildings or structures were located on the Phase One Property at the time of the site reconnaissance. Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property. No asphalt paved surface parking and driveway areas were present on the Phase One Property. The Phase One Property had a total area of 2.0 hectares (4.9 acres). The Property Identification Number (PIN) for the Phase One Property was 13430-0233 (LT). At the time of the site reconnaissance, the Phase One Property was reportedly owned and managed by 1672735 Ontario Inc.

The PIN and the legal description of the Phase One Property are listed in Table 1 below.

Table 1 - Legal Description of the Phase One Property

PINs	Property Description
13430-0233 (LT)	Block B, Plan 619; Subject to RO963432 Mississauga

The Phase One Study Area and the Phase One Property are situated in a developed portion of the City of Mississauga. Property uses adjacent to the Phase One Property consisted of parkland located to the north and residential properties located to the east, south and west of the Phase One Property.

The following drawings have been included in Appendix A of this report:

- Drawing No.1 - A site location map;
- Drawing No. 2 - An aerial photograph depicting the Phase One CSM including the neighbouring land uses and locations of PCAs resulting in APECs on the Phase One Property; and
- Drawing No. 3 - A site plan showing the Phase One Property and the APECs on the Phase One Property.

Authorization to proceed with this Phase One ESA was received from Mr. Waleed Nawaz of 1672735 Ontario Inc. on December 12, 2023. The owner contact information is as follows:

Table 2 - Property Ownership Details

Company Name	1672735 Ontario Inc.
Company Address	105 Six Point Road, Toronto, Ontario
Company Contact Name	Mr. Waleed Nawaz, Development Engineer
Contact Telephone Number	(437) 522-8453
Contact Email Address	w.nawaz@dunpar.ca

2.0 SCOPE OF INVESTIGATION

2.1 Regulatory Framework

Applicable federal, provincial and municipal regulations were reviewed to identify the presence of current or historical PCAs which may have resulted in the identification of APECs at the Phase One Property, and to develop appropriate recommendations. It should be noted, however, that this assessment did not include a review or audit of operational environmental compliance and health and safety issues, zoning/property ownership issues, easements or encumbrances, or of any EMS, which may exist for the property.

In Ontario, the roles and powers of the Ontario MECP when dealing with contaminated sites are outlined primarily in the Environmental Protection Act (R.S.O. 1990). The MECP has a mandate to address conditions where there is an adverse effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant. *O. Reg. 153/04, as amended*, provides advice and information to property owner(s) and consultant(s) to use when assessing the environmental condition of a property, when determining whether or not restoration is required and in determining the kind of restoration needed to allow continued use or reuse of the site. The regulation includes generic numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase One ESA is an initial step in the site assessment process, which may lead to the requirement for restoration work if actual or potential sources of environmental contamination are identified.

A Phase One ESA also involves a review of the Subject Building (if present) for the potential presence of hazardous materials related to building components and materials. Specific federal or provincial regulations exist for these individual hazardous materials. Where required, the applicable regulation was utilized to determine appropriate conclusions and formulate appropriate recommendations.

2.2 Scope of Work

A Phase One ESA is a preliminary assessment of the environmental condition of a property, based on a review of current and historical activities occurring at both the Phase One Property and properties within 250 m of the boundaries of the Phase One Property. This Phase One ESA was completed to provide sufficient information to determine if any PCAs identified during the Phase One ESA have resulted in the identification of APECs at the Phase One Property, and to determine the necessity for a Phase Two ESA, if required, at the Phase One Property. This Phase One ESA was carried out by S2S on the Phase One Property in accordance with the requirements of the *O. Reg. 153/04, as amended*.

The Phase One ESA consisted of the following scope of work:

- A Records Review, including the following:
  - Readily available city directories and FIPs from the Toronto Reference Library;
  - Aerial photographs from the Mississauga Interactive Map;

  - Previous environmental reports (if made available to S2S);
  - Information obtained from Opta including available PURs and PUPs (as requested and if available);
  - An environmental database review completed by ERIS for both the Phase One Property and all properties within a 300 m radius of the Phase One Property boundaries;
  - Selected topographic and geological maps;
  - On-line Natural Heritage Areas mapping provided by the Ontario MNRF; and, on-line Land Use Plans, Natural Heritage System and Environmentally Significant Areas Maps, provided as part of the City of Mississauga Official Plan;
  - A title search (detailing property ownership from private individuals to the present) was conducted for PIN 13430-0233 (LT), the PIN for the Phase One Property. The title search for the Phase One Property was conducted on December 20, 2023, at Land Registry Office #43, Peel, Ontario, and prepared by Stewart Davey Title Search;
  - Contact with selected regulatory officials and personnel associated with the Phase One Property (through FOI and TSSA requests); and
  - Interview with available site personnel, client representatives and/or third parties, i.e. former owners or site managers (as appropriate) in order to obtain information on the site history as well as any previously identified outstanding environmental issues.
- Site Reconnaissance;
- Reviewing the current and historical land uses for both the Phase One Property and surrounding properties within the Phase One Study Area;
- Evaluation of information obtained during the Phase One ESA; and
- Preparation of the Phase One ESA report documented the finding and recommendations of the Phase One ESA.

The professional qualifications of the project team are provided in Appendix C.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

As discussed in Section 1.1 above, the Phase One Property was located 2620 Chalkwell Close. At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot, and the entire Phase One Property consisted of landscaped areas. No buildings or structures were located on the Phase One Property at the time of the site reconnaissance. Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property. No asphalt paved surface parking and driveway areas were present on the Phase One Property. The Phase One Property had a total area of 2.0 hectares (4.9 acres) and was 215 m in length and 151 m in width.

The Phase One Study Area consisted of the Phase One Property and all adjacent or neighbouring land/properties located totally or partially within a 250 m radius of the Phase One Property boundaries. The applicable search distance for the records review for the Phase One Study Area included all properties within 250 m of the Phase One Property, where PCAs are occurring, or have occurred within the Phase One Study Area, and may have resulted in the identification of current or historical APECs at the Phase One Property (i.e. PCAs as outlined in Table 2 of Schedule D of *O. Reg. 153/04, as amended)*. Properties located more than 250 m from the Phase One Property were not included in the Phase One Study Area based on our review of both current and historical property uses and activities, the inferred direction of groundwater flow, and the assumed permeability of the subsoils. S2S concluded that assessing information pertaining to properties within 250 m of the Phase One Property was sufficient to achieve the objectives of the Phase One ESA.

3.1.2 First Developed Use Determination

The first developed use was derived from an assessment of the available records, including, but not limited to, city directories, FIPs, aerial photographs, title search information, and information provided by knowledgeable persons associated with the Phase One Property.

Based on available information to-date, the Phase One Property was developed as an institutional property in approximately 1960.

3.1.3 Fire Insurance Plans

A search of FIP records was conducted on December 13, 2023, at the City of Toronto Reference Library. A request was also made to Opta on December 15, 2023, for any available FIPs for the Phase One Property and/or adjacent/neighbouring properties. No FIPs with coverage of the Phase One Property and/or the adjacent/neighbouring properties were identified. According to the Opta response to S2S, dated December 20, 2023, FIPs were not available through Opta for the Phase One Property and/or adjacent/neighboring properties.

3.1.4 City Directories

Based on a review of available City Directories from 1958 and 1964, the Phase One Property was not listed at those times. Based on a review of the available City Directories, the Phase One Property was first listed as an institutional property in 1969/1970 (listed as Board of Education).

Based on a review of available City Directories from 1958, the adjacent properties on all sides of the Phase One Property were not listed at that time. Based on available City Directories from 1964, the adjacent properties located to the east, south and west of the Phase One Property were listed as residential properties at that time. It should be noted that the adjacent property located to the north of the Phase One Property was not listed in any of the reviewed City Directories (1958, 1964, 1969/1970, 1975, 1981, 1985, 1990, 1995 and 2001).

3.1.5 Chain of Title

A Chain of Title Search was completed for the Phase One Property on December 20, 2023, by Mr. Stewart Davey, a land title searcher, at Land Registry Office #43, Peel, Ontario. The Chain of Title was commissioned to determine the history of ownership and occupants of the Phase One Property dating back to private individuals. Table 10 - Current and Past Uses of the Phase One Property, (please refer to Section 6.1 of this report) provides a detailed list of all land owners of the Phase One Property with associated dates of ownership from Crown ownership to the present. A summary of the Chain of Title for the Phase One Property is provided in Table 3 below, and outlines individual and group ownership of the Phase One Property:

Table 3 – Summary of Individuals and Group Owners of the Phase One Property

PIN	Owners	Dates of Ownership
13430-0233 (LT) (formerly 13430-0816 (LT))	1672735 Ontario Inc.	2023 to Present
	The South Peel Board of Education	1959 to 2023
	United Lands Corporation Limited	1955 to 1959
	Ross L. Greenians and Wilmer K. Greenians	1941 to 1955
	Ross L. Greenians and Norman Greenians	1930 to 1941
	Norman P. Greenians estate of Charles Greenians	1910 to 1930
	Norman Greenians estate of Charles W. Greenians and Gaylord Greenians Sr.	1899 to 1910
	Daniel Granger estate of George Shunk and Charles W. Greenians estate of Gaylord Greenians Sr.	1866 to 1899
	Daniel Granger estate of George Shunk, David Greenians and Willard Greenians	1856 to 1866
	William Skyner, David Greenians and William Greenians	1854 to 1856
	William Skyner and Peter Greenians Jr.	1846 to 1854
	John Skyner and Peter Greenians Jr.	1845 to 1846
	Onange Lawrence and Peter Greenians Jr.	1842 to 1845
	William Hammond and Peter Greenians Jr	1841 to 1842
	Peter Greenians Jr.	1825 to 1841

PIN	Owners	Dates of Ownership
	Sebastien Greenians	1805 to 1825

3.1.6 Previous Environmental Reports

S2S requested from the Client to provide all available information for the Phase One Property with respect to the current Phase One ESA. Company records provided by the Client consisted of reports for previous environmental site assessments of the Phase One Property.

A list of these documents is provided in Appendix B. These previous reports/documents were used as sources of background information by S2S during the completion of this Phase One ESA report.

A summary of each of the previous environmental reports is discussed below:

"Environmental Peer Review Comments - Letter No. 1, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario", prepared for Peel District School Board, prepared by WSP Canada Inc. (WSP), dated August 3, 2018 (hereinafter referred to as the "2018 WSP Environmental Peer Review Letter")

WSP completed a peer review of the following environmental reports for the Phase One Property and documented the findings in the 2018 WSP Environmental Peer Review Letter:

- "Phase One Environmental Site Assessment", prepared by Occupational Hygiene & Environment Consultants (OHE), dated April 19, 2018; and
- "Phase Two Environmental Site Assessment and Delineation Program", prepared by OHE, dated June 29, 2018.

It should be noted that the Client was not permitted to provide S2S with the above-noted environmental reports for review. Based on the findings of the 2018 WSP Environmental Peer Review Letter, exceedances of PHCs in soil and groundwater were identified during the Phase Two ESA and Delineation Program in the vicinity of an UST on the Phase One Property, when compared to the current applicable 2011 MECP Table 3 Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition (hereinafter referred to as the "2011 MECP Table 3 Standards").

"Groundwater Sampling, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by WSP, dated November 1, 2018 (hereinafter referred to as the "2018 WSP Groundwater Sampling Report")

WSP completed a groundwater monitoring and sampling program for the Phase One Property in 2018 and documented the findings in the 2018 WSP Groundwater Sampling Report. Based on a review of this report, the following information was noted:

- The groundwater monitoring and sampling program was completed to further investigate the quality of groundwater in the vicinity of the historical UST on the Phase One Property, prior to its removal;
- WSP collected groundwater samples from five existing groundwater monitoring wells (BH101, BH102, BH103, BH205-S and BH207, installed by OHE in 2018), while six other existing groundwater monitoring wells (installed by OHE in 2018) were monitored for odours and the depths to groundwater only;
- The depths to groundwater ranged from approximately 2.54 m bgs (BH103) to 4.13 m bgs (BH209);
- The groundwater Standards selected for the Phase One Property were the 2011 MECP Table 2 Full Depth Generic Site Condition Standards in a Potable Ground Water Condition for Residential/Parkland/Institutional property use (hereinafter referred to as the "2011 MECP Table 2 Standards");
    - WSP indicated that the 2011 MECP Table 2 Standards were used as opposed to the 2011 MECP Table 3 Standards, as an application to the City of Mississauga would be required to use the 2011 MECP Table 3 Standards at the time of filing a RSC, which was "*an onerous process*." It was also unknown whether the coarse-textured soil or medium/fine-textured soil Standards were used; however, the Standards for the chemical parameters tested (listed below) were the same.
- Groundwater samples were collected and were submitted to AGAT Laboratories for laboratory analysis of PHCs and BTEX;
- Based on the analytical test results of the submitted groundwater samples, the following groundwater exceedances were identified:
    - BH101
        - PHC fraction F2 (27,000 µg/L vs. a 2011 MECP Table 2 Standard of 150 µg/L); and
        - PHC fraction F3 (21,000 µg/L vs. a 2011 MECP Table 2 Standard of 500 µg/L).
    - BH102
        - Ethylbenzene (3 µg/L vs. a 2011 MECP Table 2 Standard of 2.4 µg/L);
        - PHC fraction F2 (11,000 µg/L vs. a 2011 MECP Table 2 Standard of 150 µg/L); and
        - PHC fraction F3 (7,700 µg/L vs. a 2011 MECP Table 2 Standard of 500 µg/L).
- It should also be noted that sheen was observed in BH201-S and BH201-D, and free product was observed in BH208-S and BH208-D.

As noted above, ethylbenzene was listed as an exceedance in groundwater in BH102, when compared to the 2011 MECP Table 2 Standards. For the purposes of this report, the current applicable Standards for the Phase One Property are the 2011 MECP Table 3 Standards with medium/fine-textured soils. S2S noted that this ethylbenzene concentration did not exceed the applicable 2011 MECP Table 3 Standard of 2,300 µg/L in groundwater and therefore, further assessment of this ethylbenzene concentration was not warranted. It should also be noted that at the time of the Phase Two ESA completed by OHE in 2018, groundwater exceedances of PHC fractions F2 and F3 exceeded the applicable 2011 MECP Table 3 Standards with medium/fine-

textured soils in BH101 and BH102 (similar to WSP) at that time. OHE also noted exceedances of PHC fractions F2 in groundwater monitoring wells BH103, BH205S, BH207 and F3 in groundwater monitoring well BH103 in 2018; however, the concentrations of test results of PHC fractions F2 and F3 in these groundwater monitoring wells met the 2011 MECP Table 3 Standards with medium/fine-textured soils during the 2018 WSP Groundwater Sampling Report.

"Supplemental Environmental Soil and Groundwater Investigation, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by WSP, dated April 2019 (hereinafter referred to as the "2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report")

WSP completed a supplemental environmental soil and groundwater investigation for the Phase One Property in 2019 and documented the findings in the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report. Based on a review of this report, the following information was noted:

- WSP reviewed the 2018 OHE Phase One ESA Report, which indicated that the Phase One Property was developed in approximately 1960 as an institutional property (Elmcrest Public School). Based on OHE's records review, the former school building was heated via heating oil, stored in an UST located on the exterior east side of the former school building. "*The tank was reportedly filled with sand and concrete in 1981/1982, but was never removed"*;
- WSP also reviewed the 2018 OHE Phase Two ESA Report, which consisted of advancing three initial boreholes (BH101 to BH103) to a maximum depth of approximately 4.6 m bgs, all of which were completed as groundwater monitoring wells. Nine additional boreholes (BH201-S, BH202-S, BH203, BH204, BH205-S, BH206, BH207, BH208-S and BH209) were later advanced to a maximum depth of approximately 6.1 m bgs, all of which were completed as groundwater monitoring wells. Furthermore, four of the additional nine groundwater monitoring wells (BH201-D, BH202-D, BH205-D and BH208-D) were completed as "*deeper nested wells"* to a maximum depth of 9.1 m bgs. Twenty-five soil samples and 18 groundwater samples were collected and were submitted for laboratory analyses of PHCs and BTEX. The Standards used by OHE were the 2011 MECP Table 3 Standards. It was unknow to S2S if OHE had compared the analytical test results to the 2011 MECP Table 3 Standards for medium/fine-textured soil or coarse-textured soil. However, PHC exceedances were identified in BH101, BH102, BH103 and BH205 in soil and BH101, BH102, BH103, BH205-S and BH207 in groundwater;
- As part of the supplemental environmental soil and groundwater investigation, WSP advanced four exterior boreholes (BH18-1 to BH18-4) and three interior boreholes (BH18-5 to BH18-7) in the former school building, to a maximum depth of approximately 6.1 m bgs, all of which were completed as groundwater monitoring wells;
- The soil stratigraphy consisted of fill material "*ranging at depths between 0.05 to 1.22 m bgs underlain by native silty clay, silty sand to sandy silt soil mixed with shale fragments…ranging in depths between 0.07 and borehole termination at 3.0 m bgs. Shale was encountered within four (4) exterior boreholes ranging in depth below 3 m bgs. Red*

silty sand/sandy silty was encountered between shale layers extending to borehole termination";

- The depths of groundwater (from the new and existing groundwater monitoring wells) ranged from approximately 2.4 m bgs to 4.9 m bgs;
- The inferred groundwater flow direction was east/southeast;
- The laboratory analytical test results were compared to the 2011 MECP Table 2 Standards for coarse-textured soils;
- Ten soil samples and eight groundwater samples (BH18-1 to BH18-7 and one duplicate) were collected and were submitted to AGAT Laboratories for laboratory analyses of PHCs and BTEX;
- According to the laboratory analytical test results, none of the test results of the submitted soil and groundwater samples submitted as part of the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report exceeded the 2011 MECP Table 2 Standards for coarse-textured soil. However, WSP indicated that, based on the previous investigations, PHC fractions F2 and F3 impacted soil and groundwater and ethylbenzene impacted groundwater were previously reported.

It should be noted that WSP used the Standards for coarse-textured soils above; however, when completing the UST removal and soil excavations in 2018 to 2021 (see below), the soil samples analyzed indicated that the texture of the soils were medium/fine. Therefore, S2S compared the above-noted soil samples to the current applicable 2011 MECP Table 3 Standards for medium/fine-textured soils and no exceedances were identified from the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation. Furthermore, as discussed above, when compared to the current applicable 2011 MECP Table 3 Standards with medium/fine-textures soil, the concentration of ethylbenzene in groundwater in BH102 identified during the 2018 WSP Groundwater Sampling Report, was below the 2011 MECP Table 3 Standard.

"Annual Asbestos Containing Materials Inspection, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by S2S, dated August 25, 2020 (hereinafter referred to as the "2020 S2S Annual ACM Report")

S2S completed an ACM inspection for the former school building on the Phase One Property in 2020 and documented the findings in the 2020 S2S Annual ACM Report. As discussed in this report, suspect ACMs, in the form of parging cement pipe fittings, boiler breeching insulation, acoustic ceiling tiles, Transite products, various vinyl floor tiles and mastic, drywall joint compound and vermiculite, were reported to be in good or fair condition at that time. It was recommended that the fair condition ACMs identified be repaired/removed following Type 1 or 2 abatement/ maintenance actions.

It should be noted that the former school building was demolished in 2021, and therefore, no ACMs were observed at the time of the site reconnaissance as part of this Phase One ESA.

"2620 Chalkwell Close, Mississauga, Ontario, Underground Storage Tank Removal and Soil Excavation" report, prepared for Peel District School Board, prepared by WSP, dated March 22, 2022 (hereinafter referred to as the "2022 WSP UST Removal and Soil Excavation Report")

WSP completed an UST removal and soil excavations for the Phase One Property in 2018 to 2021 and documented the findings in the 2022 WSP UST Removal and Soil Excavation Report. Based on a review of this report, the following information was noted:

- The former school building (formerly Elmcrest Public School) on-site was demolished prior to the final soil excavation in 2021;
- Although the applicable MECP Standards were determined to be the 2011 MECP Table 3 Standards with medium/fine-textured soil, the 2011 MECP Table 2 Standards with medium/fine-textured soil were used as an approval from the City of Mississauga would be required to use the 2011 MECP Table 3 Standards when filing an RSC which was "*an onerous process*";
- Between December 2018 and August 2019, the removal of a single-walled steel UST and confirmatory soil sampling were completed. WSP indicated that the UST was in poor condition upon its removal and was approximately 3.5 m in length and 2 m in width;
- Sixty-three confirmatory soil samples were collected from the walls of the excavation; however, it should be noted that the "*excavation extended into the shallow shale bedrock"* and therefore, no soil samples were collected from the floor of the excavation as soil was not encountered and instead, three bedrock samples (BR18-1 to BR18-3) were collected. The bedrock samples were pulverized by the laboratory such that they could be analyzed as soil;
- The soil analytical test results from the walls of the excavation indicated that exceedances were identified, and the soil excavation was extended along the east and west boundaries to address these exceedances in December 2018 to January 2019;
- The excavation boundaries were extended even further in May 2019 to June 2019 to address additional exceedances identified within the southeast corner of the soil excavation. The former school building was underpinned to allow further excavation below the building footprint. However, further sampling could not be completed due to safety concerns associated with the structural integrity of the former school building;
- Approximately 10,000 metric tonnes of PHC impacted soils were disposed off-site in December 2018 to September 2019;
- Following the removal of the UST, perched water was observed in the excavation area in December 2018. Approximately 2,000 L of water was pumped into two plastic totes and an additional 57 L of water was later identified in the excavation area and reported to be from pipes along the west and south walls. Dewatering activities were completed in January 2019 to address this;
- Based on requirements of the TSSA, 73 soil samples and nine duplicate samples were submitted for laboratory analysis of PHCs and BTEX and the test results were compared to the 2011 MECP Table 2 Standards for medium/fine-textured soil;
- According to the laboratory analytical test results, the test results of the 43 soil samples collected from the north, south and east excavation walls met the current applicable 2011 MECP Table 2 Standards with medium/fine-textured soil;

- Twenty-five soil samples were collected from the west wall of the excavation. Based on the laboratory analytical test results, PHC fraction F2 impacted soil remained along the west wall; however, this area was located beneath the former school building's footprint at that time;
- According to the laboratory analytical test results, the five soil samples collected from the floor of the excavation, including a duplicate soil sample, prior to reaching bedrock met the current applicable 2011 MECP Table 2 Standards with medium/fine-textured soil. In addition, the three bedrock samples collected were submitted for laboratory analyses of PHC fractions F2 to F4. Based on the laboratory analytical test results of the submitted bedrock samples, the test results of the submitted bedrock samples met the current applicable 2011 MECP Table 2 Standards with medium/fine-textured soil;
- In November 2019, eight boreholes (BH19-5 to BH19-12) were advanced to a maximum depth of 3.5 m bgs in classrooms 6 and 7, located along the interior east side of the former school building to delineate the soil impacts identified along the west wall of the excavation;
- Fifteen soil samples, including one duplicate sample collected, were submitted for laboratory analyses of PHCs and BTEX and the test results were compared to the 2011 MECP Table 2 Standards with medium/fine-textured soil;
- According to the laboratory analytical test results of the submitted soil samples, none of the test results of the submitted soil samples exceeded the 2011 MECP Table 2 Standards with medium/fine-textured soil, with the exception of the soil samples collected at BH19-9 and BH19-10 for PHC fraction F2;
- In August 2020, additional perched water was identified in the UST excavation and approximately 36,400 L of water with hydrocarbon traces were removed;
- Four bedrock groundwater monitoring wells (BH19-1, BH19-2S, BH19-2D and BH19-3) were advanced on the Phase One Property, in the vicinity of the previously identified groundwater impacts to a maximum depth of 4.5 m bgs;
- Groundwater samples were collected from the newly installed bedrock groundwater monitoring wells, including a duplicate sample, and were submitted for laboratory analysis of PHCs and BTEX;
- According to the laboratory analytical test results of the submitted groundwater samples, none of the test results of the submitted groundwater samples exceeded the 2011 MECP Table 2 Standards with medium/fine-textured soils;
- An interior excavation was completed in classroom 7 in 2020 for further delineation along the east side of the former school building;
- Four soil samples (S3-4, S3-6, W3-1 and W3-3) were collected from the southwest corner of the excavation and were submitted for laboratory analyses of PHCs and BTEX. According to the laboratory analytical test results of the submitted soil samples, concentrations of PHC fractions F2 and F3 exceeded the 2011 MECP Table 2 Standards with medium/fine-textured soil. No further excavation could be completed as the west wall of the 2020 excavation caved in. Approximately 223.89 tonnes of impacted soil were removed from the Phase One Property;
- In April 2021, the former school building was demolished, and the remaining impacted soil identified during the 2020 excavation was also to be removed;

- Following the removal of the former school building, approximately 220 tonnes of impacted soil were removed from the Phase One Property in October 2021. Eleven soil samples, including two duplicate samples, were collected and were submitted for laboratory analyses for PHCs and VOCs;
- In December 2021, "*a sheen on some ponded water within the excavation…. was sitting atop the bedrock."* A groundwater monitoring well was installed in this area and two rounds of sampling were completed. Based on the analytical test results, the concentrations of PHCs and BTEX in the collected water sample were below the 2011 MECP Table 2 Standards with medium/fine-textured soils;
- Following the results of the groundwater monitoring, the monitoring wells were decommissioned;
- WSP concluded that, based on the analytical test results of the submitted soil and groundwater samples, the removal of the UST, "*the concentrations of the contaminants of concern met the MECP Table 2* [Standards with medium/fine-textured soil] *at the time of the assessment. As such, no further work* [was] *recommended at the* [Phase One Property] *at* [that] *time."*

S2S Comments

Based on a review of the above-noted environmental reports, the following two PCAs resulting in APECs were identified on the Phase One Property:

PCA 1: - Other (PHC fractions F2 and F3 impacted groundwater based on previous groundwater investigations identified in 2018 in historical groundwater monitoring wells BH101 and BH102 resulting in APEC 1:

Groundwater exceedances of PHC fractions F2 and F3 were identified in the historical groundwater monitoring wells BH101 and BH102 (historically located on the southeast portion of the Phase One Property) in 2018 when the test results were compared to the applicable 2011 MECP Table 3 Standards with medium/fine-textured soils. The concentrations of PHC fractions F2 and F3 were as follows:

- BH101
  - PHC fraction F2 (27,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (21,000 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH102
  - PHC fraction F2 (11,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (7,700 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).

Based on a review of the provided previous environmental reports, the depths to groundwater in the above-noted historical groundwater monitoring wells were 2.7 m bgs and 3.0 m bgs in October 2018. These groundwater monitoring wells were located within the initial soil excavation, which was completed to bedrock at a reported depth of approximately 3.5 m bgs in the vicinity of BH101

and BH102 in 2019. Therefore, impacted groundwater within the excavation has likely been removed. Furthermore, at that time, no additional soil exceedances were identified with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils in the vicinity of the above-noted historical groundwater monitoring wells. Therefore, though groundwater was not tested as part of the confirmatory sampling program, the likelihood of significant groundwater contamination is low.

PCA 2: - Other (PHC fractions F2 and F3 impacted groundwater were identified in 2018. However, a subsequent round of sampling was completed which identified no groundwater exceedances resulting in APEC 2:

Groundwater exceedances were identified in the historical groundwater monitoring wells BH103, BH205, BH207 and BH207 (Dup-4) (historically located on the southeast portion of the Phase One Property) for PHC fractions F2 (all of the previously listed groundwater monitoring wells) and F3 (only in groundwater monitoring well BH103) in 2018 by OHE as follows:

- BH103
  - PHC fraction F2 (1,910 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (550 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH205S
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207 (Dup4)
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).

However, these groundwater monitoring wells were resampled by WSP in 2018, and no exceedances with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils were identified in groundwater at that time. Given the generally marginal exceedances listed above (excluding BH103), it is likely that no further remediation is required. However, it is recommended that groundwater monitoring and sampling be completed in the vicinity of the above-noted historical groundwater monitoring wells, such that two successive monitoring events (indicating no groundwater exceedances) be completed as part of the redevelopment process of the Phase One Property to confirm the quality of the groundwater in accordance with the MECP O. Reg. 153/04, as amended.

3.2 Environmental Source Information

Appropriate requests were made to obtain a number of documents regarding environmental information for preparation of this Phase One ESA, including selected regulatory agencies at the provincial level (MECP) and TSSA, local agencies (municipal data, local library) and environmental search information on file, such as ERIS and PUPs/PURs to determine if there had been any reported incidents for the Phase One Property (see Appendix D for sources contacted).

3.2.1 Technical Standards & Safety Authority

Correspondence with the TSSA on December 20, 2023, indicated that there were no records on file (from 1990 to present) indicating any historical or present ASTs or USTs for PFOs/RFOs at either the Phase One Property or the following properties located within the Phase One Study Area:

- 2617 and 2618 Chalkwell Close, Mississauga;
- 1492 Karenza Road, Mississauga;
- 1650 Sandgate Crescent, Mississauga; and
- 2637, 2647, 2657, 2675 and 2683 Truscott Drive, Mississauga.

It should be noted that the Fuels Safety Division of the TSSA did not license or register private fuel USTs/ASTs prior to January of 1990 or furnace oil tanks prior to May 1, 2002. Also note that the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences or aboveground gasoline or diesel tanks for non-retail fuel outlets.

3.2.2 Ontario Ministry of the Environment, Conservation and Parks

A written request under the FOIPPA was made to the Ontario MECP with regards to the Phase One Property on December 12, 2023. Information that was requested included:

- Environmental permits;
- Past or pending environmental control orders, charges, convictions or complaints;
- Outstanding environmental regulatory non-compliance issues, including reportable spills; and
- Any other pertinent information they may provide with respect to environmental search requests.

As of the date of issuance of this report, a written response has not yet been received from the MECP. Should further information be received which alters the conclusions of this report, an addendum will be forwarded to the Client.

3.2.3 MECP Publications Review

A review of the following publications and databases was carried out as part of this ESA:

1. MECP Inventory of Coal Gasification Plant Waste Sites in Ontario, Vol. I & II, April 1987;
2. MECP Waste Disposal Site Inventory, June 1991;
3. MECP Ontario Inventory of PCB Storage Sites, October 2004;
4. The MECP on-line HWIN, Registered Generator List (January 2024);
5. The MECP on-line Brownfields Environmental Site Registry (October 2004 to January 2024);
6. MECP HWIS, Public Information Data Set, 1986 to 2020. This data set has been reviewed under the ERIS Report; and

7. MECP Access Environment online inventory of Environmental Compliance Approvals and Renewable Energy Approvals (December 1999 to January 2024). This online inventory has been reviewed under the ERIS Report; and
8. MECP on-line Environmental Registry (January 2024). This online inventory has been reviewed under the ERIS Report.

Table 4 - Summary of MECP Inventories

Record	Location/Distance	Assumed Groundwater Gradient	Conclusion
Waste Disposal Site	None identified	Not Applicable (N/A)	N/A
PCB Storage Site	None identified	N/A	N/A
Coal Gasification Plant Waste Sites	None identified	N/A	N/A

As noted above in Table 4, the review of the above-noted publications did not indicate the presence of any nearby waste disposal sites, PCB storage sites or coal gasification plant waste sites within 1 km of the Phase One Property.

Furthermore, the Phase One Property and the adjacent properties were not listed in the Brownfields Environmental Site Registry, in accordance with the RSC *O. Reg. 153/04*, *as amended* requirements of Part XV.1 of the Environmental Protection Act.

The Phase One Property and adjacent/neighbouring properties (within a 250 m radius of the Phase One Property) were not listed in the MECP HWIN (January 2024) list as current generators of registerable wastes.

Based on the above regulatory history searches and responses or information received (from regulatory agencies) to-date, and our visual observations, it is unlikely that the above-noted records represent a potential environmental concern to the Phase One Property.

3.2.4 ERIS Report

An ERIS Report was requested and reviewed as part of this Phase One ESA. A copy of the report is provided in Appendix F. The following is a summary of pertinent information (that could be considered a potential environmental concern to the Phase One Property) associated with the adjacent/neighbouring properties in all directions of the Phase One Property. It should be noted that no records were identified for the Phase One Property and adjacent properties on all sides of the Phase One Property in the Boreholes (BORE), Certificates of Approval (CA), Environmental Registry (EBR) and Environmental Compliance Approvals (ECA) databases.

Phase One Property

Ontario Regulation 347 Waste Generators Summary (GEN) Database:

The Phase One Property was listed in the GEN database as historical generators of registerable

wastes. Information associated with these records identified in the GEN database for the Phase One Property has been reviewed and summarized in Table 5 accordingly.

Table 5 - Summary of GEN report records for the Phase One Property

Generator Number	Generator Name	Location	Waste Information	Years
ON3364142	Peel District School Board Human Resources Support Services	Phase One Property	Waste oils/sludges (petroleum based) (251 L)	2019
ON3644860	Budget Environmental Disposal Inc./Budget Demolition	Phase One Property	Inert inorganic wastes (150 L); and Light fuels (221 L)	2021

It is unknown how the above-mentioned registerable wastes were historically stored and managed on the Phase One Property. However, it was likely that the above-noted registered wastes were associated with the remediation operations on the Phase One Property at those times. Furthermore, at the time of the site reconnaissance, observations of the Phase One Property did not reveal any visual evidence of outside chemical storage in drums and obvious visual evidence of spills or staining. Based on our visual observations and available information to-date, it is unlikely that the historical generation of registerable wastes at the Phase One Property represents a potential environmental concern to the Phase One Property.

Water Well Information System (WWIS) Database:

- A total of 26 monitoring/test holes use water wells were listed within a 300 m radius of the Phase One Property, within the Phase One Study Area. A summary of the well records indicated the following:
    - The wells were installed in 2018 to 2021;
    - The wells depths ranged from 3.0 m bgs to 9.8 m bgs, several with unknown depths; and
    - The wells were completed as monitoring wells and test holes.

Adjacent/Neighbouring Properties within the Phase One Study Area

Anderson's Waste Disposal Site (ANDR) Database:

- The area located on the northwest side of Benedet Drive, approximately 250 m northwest of Winston Churchill Boulevard (at least 210 m north of the Phase One Property) was registered in the ANDR database as a fill dump with an approximate area of 0.56 ha in 1965.

Based on a review of the aerial photograph from 1966, the specific location of this historical fill dump was unknown to S2S; however, the historical fill dump was located at least 210 m north of the Phase One Property (northwest side of Benedet Drive). Therefore, based on the distance (at least 210 m) from the Phase One Property of the historical fill dump, it is unlikely that the above-noted historical fill dump represents a potential environmental concern to the Phase One Property.

Pipeline Incidents (PINC) and Ontario Spills (SPL) Databases:

- The neighbouring property located at 1502 Karenza Road (approximately 15 m northeast of the Phase One Property, in an assumed cross-gradient location) was registered in the PINC and SPL databases for a natural gas pipeline strike in 2011 by Enbridge Gas Distributions Inc. According to the record, no environmental or health impacts were reported at that time.

Based on available information to-date and the nature of the record (natural gas), it is unlikely that the above-noted natural gas pipeline strike represents a potential environmental concern to the Phase One Property.

Additional neighbouring properties were listed in the PINC and SPL databases; however, based on the distances (approximately 110 m to 280 m) from the Phase One Property of these additional neighbouring properties, it is unlikely that these additional neighbouring properties represent a potential environmental concern to the Phase One Property.

Water Well Information System (WWIS) Database:

- An observation/monitoring use water well was listed within a 300 m radius of the Phase One Property, within the Phase One Study Area. A summary of the well record indicated the following:
    - The well was installed in 2015;
    - The well depth was 3.0 m bgs; and
    - The well was completed as an observation/monitoring well.

It should be noted that additional records were identified for neighbouring properties in the Ontario Regulation 347 Waste Generators Summary (GEN), TSSA Historic Incidents (HINC), Fuel Oil Spills and Leaks (INC), Pesticide Register (PES) and Scott's Manufacturing Directory (SCT) databases; however, based on the distances (approximately 75 m to 270 m) from the Phase One Property of these additional neighbouring properties, it is unlikely that these additional neighbouring properties represent a potential environmental concern to the Phase One Property.

3.2.5 PUPs/PURs

A search for the Phase One Property was completed by Opta to obtain available PURs/PUPs. There were no records available with regards to the Phase One Property from Opta.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Selected aerial photographs were obtained from Mississauga Interactive Map for the years 1954, 1966, 1975, 1980, 1985, 1989, 1995, 2000, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021 and 2022. Aerial photographs for the years 1954, 1966, 1975, 1980, 1989, 1995, 2007, 2015, 2021 and 2022 are provided in Appendix H of this report. The aerial photographs covered the timeframe from the period after first developed use of the Phase One Property to near current time, and included both initial development and the historical development patterns of the immediate adjacent/neighbouring properties within the Phase One Study Area. In order to determine both the initial development and historical development patterns of the Phase One Property and the Phase One Study Area, S2S selected aerial photographs from the above noted years, based on both availability/clarity. Table 6 below summarizes the information from the review of relevant aerial photographs.

Table 6 - Summary of Aerial Photography

Year of Photograph	Findings for Phase One Property and Adjacent/Neighbouring Properties	
2022	Phase One Property:	The Phase One Property appeared to consist of a vacant lot (formerly institutional) and no buildings or structures were apparent on the Phase One Property.
	North:	The adjacent property located to the north of the Phase One Property appeared to be developed as parkland.
	East:	The adjacent properties located to east of the Phase One Property appeared to be developed with buildings of similar sizes and configurations as the current single-family residential dwellings.
	South:	The adjacent properties located to south of the Phase One Property appeared to be developed with buildings of similar sizes and configurations as the current single-family residential dwellings.
	West:	The adjacent properties located to west of the Phase One Property appeared to be developed with buildings of similar sizes and configurations as the current single-family residential dwellings.
2021	Phase One Property:	The Phase One Property appeared to be developed with the former school building at that time.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 2022 aerial photograph.
2015	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 2021 aerial photograph.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 2021 aerial photograph.

Year of Photograph	Findings for Phase One Property and Adjacent/Neighbouring Properties	
2007	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 2015 aerial photograph.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 2015 aerial photograph.
1995	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 2007 aerial photograph.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 2007 aerial photograph.
1989	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1995 aerial photograph.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 1995 aerial photograph.
1980	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1989 aerial photograph.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 1989 aerial photograph.
1975	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1980 aerial photograph.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be similar to that observed in the 1980 aerial photograph.
1966	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1975 aerial photograph.
	North:	The adjacent property located to the north of the Phase One Property appeared to be undeveloped.
	East, South and West:	The adjacent properties located to the east, south and west of the Phase One Property appeared to be similar to that observed in the 1975 aerial photograph.
1954	Phase One Property:	The Phase One Property appeared to be undeveloped.
	North, East, South and West:	The adjacent properties located on all sides of the Phase One Property appeared to be undeveloped.

The earliest available aerial photograph with coverage of the Phase One Study Area was from 1954, which indicated that the Phase One Property and adjacent properties located on all sides of the Phase One Property appeared to be undeveloped at that time. According to the 1965 aerial photograph, the Phase One Property appeared to be developed with an institutional property and the adjacent properties located to the east, south and west of the Phase One Property appeared to be developed with inferred single-family residential dwellings at that time. According to the 1975 aerial photograph, the adjacent property located to the north of the Phase One Property appeared to be developed as parkland. According to the 2022 aerial photograph, the institutional building on the Phase One Property was no longer present, and the Phase One Property consisted of a vacant lot (formerly institutional) at that time.

3.3.2 Topography, Hydrology, and Geology

Topography

Topographic information obtained from Google Earth, showed the site elevation to range from approximately 131 m to 136 m above mean sea level (amsl). The ground surface at the Phase One Property was generally visually noted to be slope down gently to the east, and surface water at the Phase One Property was assumed to infiltrate into the on-site landscaped areas; and to drain towards on-site catch basins, which reportedly discharged to the municipal storm sewer system. It should be noted that the adjacent properties located on all sides of the Phase One Property generally appeared to be at the same elevation as the Phase One Property.

Hydrology

The shallow horizontal groundwater flow direction in the area, based on apparent topography, was likely east towards Lake Ontario, located approximately 4.0 km east of the Phase One Property. It should be noted that the direction of shallow groundwater flow in limited areas are also be influenced by the presence of underground utility corridors and is not necessarily a reflection of local groundwater flow or a replica of the Phase One Property or area topography. A site-specific determination of groundwater flow would be required to obtain groundwater flow direction information for the Phase One Property. Based on the groundwater investigations completed for the Phase One Property, the groundwater flow direction was generally east/southeast.

Geology

Based on available surficial geology maps, accessed using Google Earth, the native surficial soils in the vicinity of the Phase One Property, predominantly comprises Paleozoic bedrock. Available geology maps (Ontario Geological Survey (OGS) database "Surface Geology Report") indicated that the Phase One Study Area comprises Paleozoic bedrock with clay, silt, sand, gravel, diamicton and exposed or thin drift-covered shale and dolostone.

According to the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report, the native soil stratigraphy consisted of "*Fill material was located in all seven (7) boreholes ranging at depths between 0.05 and 1.22 mbgs underlain by native silty clay, silty sand to sandy silt soil mixed with shale fragments in all seven (7) boreholes, ranging in depths between 0.07 and borehole termination at 3.0 mbgs. Shale was encountered within the four (4) exterior boreholes ranging in depth below 3 mbgs. Red silty sand/sandy silty was encountered between shale layers extending to borehole termination."*

According to information provided in the reviewed ERIS report, a search of the WWIS database for the Phase One Property and Phase One Study Area indicated that a total of 27 water well sites were located within 300 m of the Phase One Property. WWIS Well ID No. 7334727, a groundwater monitoring well, was reportedly advanced on November 28, 2018, on the Phase One Property (UTM Zone 17, UTM Co-ordinates Northing – 4818189, Easting – 608789). In addition, it should be noted that S2S obtained the well record for this monitoring well as part of a provincial online well record search. This monitoring well was reportedly advanced to a depth of 6.1 m bgs

and consisted of the following stratigraphy:

- Brown fill, sand and gravel from ground surface (0.0 m) to a reported depth of approximately 0.6 m bgs;
- Brown silt and sand from a reported depth of 0.6 m bgs to a reported depth of approximately 3.0 m bgs;
- Grey shale from a reported depth of 3.0 m bgs to a reported depth of approximately 6.1 m bgs (the maximum extent of the observation/monitoring well).

Furthermore, according to information provided in the reviewed ERIS report, a search of the BORE database for the Phase One Property and Phase One Study Area indicated that no boreholes were located within 300 m of the Phase One Property.

Based on the OGS database "Bedrock Geology of Ontario" (2011), the Phase One Property is assumed to be underlain by shale, limestone, dolostone and siltstone from the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and Eastview Member. According to information provided in the ERIS Report, bedrock was encountered in four of the boreholes in the Phase One Study Area. Based on available information to-date, the depth to bedrock is anticipated to be at approximately 0 m bgs to 9.1 m bgs. It should be noted that based on a review of the borehole logs appended to the 2022 WSP UST Removal and Soil Excavation Report, the shallow reported depth of bedrock noted above was likely due to fragments of shale encountered and the depth to bedrock was anticipated to be at least approximately 2.1 m bgs (BH201-S).

3.3.3 Fill Materials

At the time of the site reconnaissance, fill materials were not observed at the Phase One Property. However, it appears that fill materials may have been applied at various locations when the Phase One Property was in the process of being developed (i.e., construction/development). Furthermore, the surrounding areas of the Phase One Property have been redeveloped since their initial development and fill material of unknown environmental quality may have been imported as part of the redevelopment. It is possible that the unknown environmental quality of these fill materials represents an environmental concern to the Phase One Property.

Based on a review of the 2022 WSP UST Removal and Soil Excavation Report, EC and SAR impacted soil from the historical parking lot of the Phase One Property were reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

3.3.4 Water Bodies and Areas of Natural Significance

The Phase One Study Area and the Phase One Property are situated in a developed portion of the City of Mississauga. The City of Mississauga Official Plan and the ANSI maps provided on-line (also provided by the MNRF and ERIS) were reviewed to determine if an environmentally sensitive area is located within the Phase One Study Area. Based on this review of these plans and maps, the following is of note:

- No water bodies were identified on the Phase One Property or in the Phase One Study Area;
- The closest water body to the Phase One Property, Sheridan Creek, is located approximately 760 m east of the Phase One Property, and approximately 400 m north of the Phase One Study Area;
- No Environmentally Sensitive Areas were identified on the Phase One Property or in the Phase One Study Area; and
- No ANSIs were identified on the Phase One Property or in the Phase One Study Area.

At the time of the site reconnaissance, there was no evidence of stressed vegetation (potentially associated with PCAs or APECs), pits, potable water wells, standing water, lagoons or watercourses observed on the Phase One Property.

3.3.5 Well Records

As indicated in Section 3.3.2 above, according to information provided in the reviewed ERIS Report, a search of the WWIS database for the Phase One Property and Phase One Study Area indicated that a total of 27 water well sites were located within 300 m of the Phase One Property. WWIS Well ID No. 7334727, a groundwater monitoring well, was reportedly advanced on November 28, 2018, on the Phase One Property (UTM Zone 17, UTM Co-ordinates Northing – 4818189, Easting – 608789). In addition, it should be noted that S2S obtained the well record for this monitoring well as part of a provincial online well record search. This monitoring well was reportedly advanced to a depth of 6.1 m bgs and consisted of the following stratigraphy:

- Brown fill, sand and gravel from ground surface (0.0 m) to a reported depth of approximately 0.6 m bgs;
- Brown silt and sand from a reported depth of 0.6 m bgs to a reported depth of approximately 3.0 m bgs;
- Grey shale from a reported depth of 3.0 m bgs to a reported depth of approximately 6.1 m bgs (the maximum extent of the observation/monitoring well).

3.3.6 Site Operating Records

The Phase One Property was reportedly developed as an institutional property in approximately 1960 to 2021 and consisted of a vacant lot from 2021 to the present. Due to the historical and current property land use, the Phase One Property is not considered an Enhanced Investigation Property in accordance with the requirement of O. Reg. 153.04, as amended, under the

Environmental Protection Act.

No Site Operating Records for the Phase One Property were provided to S2S for review.

4.0 INTERVIEWS

Interviews were carried out by S2S to obtain information to assist S2S in identifying PCAs or APECs in, on, or below the Phase One Property. The following individual was identified as the individual to be most knowledgeable regarding current and historical operations at the Phase One Property.

- Mr. Waleed Nawaz (Development Engineer) of 1672735 Ontario Inc. was interviewed (via telephone) by Mr. Blake D'Souza of S2S on January 12, 2024.

Information gathered from these interviews is outlined below and included throughout this Phase One ESA report. The details of each of these interviews are contained within S2S' site inspection field notes.

Table 7 - Summary of Interview Details

Name of Person Interviewed and Name of Company	Position	Interview Details (Date, Place, Method)	Relevant Information from Interview
Mr. Waleed Nawaz of 1672735 Ontario Inc.	Development Engineer	Interviewed on January 12, 2024, for information pertaining to the Phase One Property operations and possible historical knowledge. Interviewed via telephone on January 12, 2024.	Mr. Nawaz provided an overview of current and historical operations at the Phase One Property, including information on previous tenants and uses.

A summary of interviewees and contact information is presented in Appendix D.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The Phase One ESA site reconnaissance was conducted on December 19, 2023, by Mr. Blake D'Souza of S2S, under the supervision of Mr. Riyaz Punjani, P. Eng., a Qualified Person as defined by *O. Reg. 153/04, as amended*. The weather was overcast, and the ambient temperature was approximately -2°C on December 19, 2023. The S2S representative was unaccompanied at the time of the site reconnaissance.

S2S was permitted to access all of the areas of the Phase One Property at the time of the site reconnaissance.

The Phase One Property and readily visible and publicly accessible portions of the adjacent and neighbouring properties were examined for the presence and identification of PCAs and/or APECs associated with the Phase One Property during the site reconnaissance.

Selected photographs of the Phase One Property and some of the adjacent properties within the Phase One Study Area are included in Appendix E.

5.2 Specific Observations at the Phase One Property

5.2.1 Site Observations

The Phase One Property was located on the west side of the cul-de-sac of Chalkwell Close, approximately 75 m northwest of the intersection of Karenza Road and Chalkwell Close. At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot, and the entire Phase One Property consisted of landscaped areas. No buildings or structures were located on the Phase One Property at the time of the site reconnaissance. Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property. No asphalt paved surface parking and driveway areas were present on the Phase One Property. The Phase One Property had a total area of 2.0 hectares (4.9 acres). The PIN for the Phase One Property was 13430-0233 (LT). At the time of the site reconnaissance, the Phase One Property was reportedly owned and managed by 1672735 Ontario Inc.

A summary of pertinent information on the Phase One Property is presented below in Table 8.

Table 8 - Summary of Property Information

Phase One Property	
Exit and Entry Points of the Phase One Property	Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property.
Landscaped Areas	Entire Phase One Property consisted of landscaped areas.
Approximate Location of Utility Services: Sewer, Water, Natural Gas, Electricity	Utility drawings were not available for the Phase One Property; however, utility lines for Enbridge Gas, Alectra Utilities and municipal sewer and water lines may traverse the Phase One Property.
Potable/Non-Potable Water Sources	Potable water in the Phase One Study Area is provided by the City of Mississauga which is obtained from Lake Ontario. No potable water wells were identified at the Phase One Property.

On- Site Operations:

At the time of the site reconnaissance, the Phase One Property consisted of vacant land, historically used for institutional purposes. No on-site operations were reported to take place at the Phase One Property at that time.

5.2.2 Underground Storage Tanks or Aboveground Storage Tanks

No obvious visual evidence of chemical or fuel storage in USTs or ASTs was identified to be present on the Phase One Property at the time of the site reconnaissance. Furthermore, no obvious visual evidence of vent or fill pipes indicating the potential presence of abandoned or decommissioned USTs was identified on the Phase One Property. However, as discussed above in Section 3.1.6 of this report, the former school building on the east portion of the Phase One Property was heated via a fuel oil UST. Several environmental investigations were completed by OHE and WSP from 2018 to 2021 investigating and removing this UST; however, two PCAs resulting in APECs were identified and are discussed above in Section 3.1.6 of this report.

At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot and no chemical storage was observed at the Phase One Property. Therefore, based on the above observations, it is unlikely that current chemical handling/storage represents an environmental concern to the Phase One Property.

5.2.3 Fill Materials

At the time of the site reconnaissance, fill materials were not observed at the Phase One Property.

5.2.4 Stressed Vegetation

At the time of the site reconnaissance, there was no obvious visual evidence of stressed vegetation (potentially associated with environmental contaminant impact) on the Phase One Property.

5.2.5 Water Bodies and Water Wells

At the time of the site reconnaissance, there was no obvious visual evidence of potable water wells, standing water, lagoons or watercourses observed on the Phase One Property.

5.2.6 Waste Materials

As there were no buildings/structures located at the Phase One Property, there was no evidence of waste materials generated at the Phase One Property at the time of the site reconnaissance.

Based on the above observations, it is unlikely waste materials generated and stored at the Phase One Property represents a potential environmental concern to the Phase One Property.

5.2.7 Spill and Stained Areas

At the time of the site reconnaissance, no obvious visual evidence of significant staining or spills was observed and on the areas of the Phase One Property.

Based on the information obtained during the site reconnaissance, it is unlikely that spill and stained areas at the Phase One Property represents a potential environmental concern to the Phase One Property.

5.2.8 Wastewater Discharges

As there were no buildings/structures located at the Phase One Property, there was no evidence of wastewater discharges at the Phase One Property at the time of the site reconnaissance.

Based on the information obtained during the site reconnaissance, it is unlikely that wastewater discharges at the Phase One Property represents a potential environmental concern to the Phase One Property.

5.2.9 Air Discharges

As there were no buildings/structures located at the Phase One Property, there was no evidence of sources of air emissions that are suspected to result in significant residual contamination to be present on the Phase One Property.

5.2.10 PCBs

It was historically common to use PCBs in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. The federal Environmental Contaminants Act, 1976, prohibited the

use of PCBs in heat transfer and electrical equipment installed after September 1, 1977, and in transformers and capacitors installed after July 1, 1980. In addition, the storage and disposal of PCB waste materials is regulated.

It should be noted that as per PCB Regulations SOR/2008-273, there is a requirement to phase out the usage of PCB containing equipment, as classified below:

Table 9 - Phase Out Dates for PCB Containing Equipment Usage

Equipment Types	Phase Out Dates Requirement
(i) Electrical capacitors, other than light ballasts, and electrical transformers and their auxiliary electrical equipment, other than pole-top electrical transformers and their pole-top auxiliary electrical equipment (ii) Electromagnets that are not used in the handling of food, feed or any additive to food or feed, and (iii) Heat transfer equipment, hydraulic equipment, vapour diffusion pumps and bridge bearings	(a) December 31, 2009, in the case of equipment containing PCBs in a concentration of 500 mg/kg or more; or (b) In the case of equipment containing PCBs in a concentration of at least 50 mg/kg but less than 500 mg/kg: • December 31, 2009, if the equipment is located at a drinking water treatment plant or food or feed processing plant, in a child care facility, preschool, primary school, secondary school, hospital or senior citizens' care facility or on the property on which the plant or facility is located and within 100 m of it, or • December 31, 2025, if the equipment is located at any other place.
Light ballasts, and pole-top electrical transformers and their pole-top auxiliary electrical equipment with PCBs in a concentration of 50 mg/kg or more	December 31, 2025
Any other type of PCB-containing equipment with liquid containing 2 mg/kg or more of PCBs	Until the day on which the liquid is removed from the equipment

As there were no buildings/structures located at the Phase One Property, there was no evidence of PCB containing equipment on the Phase One Property at the time of the site reconnaissance.

There were no environmental concerns noted with respect to PCBs at the Phase One Property.

5.2.11 ACMs

The common use of potential friable (breakable by hand) ACMs (pipe/boiler insulation and fireproofing) in construction generally ceased voluntarily in the mid-1970s; however, ACMs are known to be present in buildings constructed as late as 1990. Furthermore, asbestos is still utilized in the manufacturing of some vinyl floor tiles and cement products (i.e. Transite piping and panelling). As of November 1, 2005, an updated asbestos regulation (O. Reg. 278/05 made under the Occupational Health and Safety Act) came into effect; however, all provisions of O. Reg. 278/05 came into effect on November 1, 2007. Asbestos Surveys undertaken prior to November 1, 2007, should be reviewed and reassessed to determine if they meet the requirements of the current applicable regulation (O. Reg. 278/05). Materials known or suspected to contain asbestos

should be assessed and, asbestos management plans should be implemented.

As there were no buildings/structures located at the Phase One Property, there was no evidence of ACMs on the Phase One Property at the time of the site reconnaissance.

There were no environmental concerns noted with respect to asbestos on the Phase One Property.

5.2.12 UFFI

The sale and installation of UFFI as thermal insulation began in approximately 1970, and continued until December 1980 when it was banned under the federal Hazardous Products Act. UFFI was installed in both new and existing buildings during this period. UFFI can begin to deteriorate if exposed to water and moisture and this will result in formaldehyde gas emission. While small amounts of formaldehyde are harmless, it is an irritating and toxic gas in significant concentrations.

As there were no buildings/structures located at the Phase One Property, there was no evidence of UFFI at the Phase One Property at the time of the site reconnaissance.

There were no environmental concerns noted with respect to UFFI at the Phase One Property.

5.2.13 Lead

In 2005 and updated on April 8, 2011, the allowable lead content in paint was limited to 0.009% (90 ppm) by weight by the federal Surface Coating Materials Regulations, SOR/2005-109 under the Hazardous Products Act. Lead is also associated with plumbing solder and old pipes (pre-1990) as well as other lead-based products such as wall shielding (x-ray rooms).

As there were no buildings/structures located at the Phase One Property, there was no evidence of lead containing materials at the Phase One Property at the time of the site reconnaissance.

There were no environmental concerns noted with respect to lead at the Phase One Property.

5.2.14 ODSs

The federal government filed the Ozone-Depleting Substances Regulations (1998 and its subsequent amendments) to control the import, manufacture, use, sale and export of ODSs. These ODSs include: halons, carbon tetrachloride, CFCs (often referred to as Freon), methyl chloroform, HBFCs, methyl bromide and HCFCs.

The dates for reduction and phase out of various ODSs are as follows:

- Halons, carbon tetrachloride, CFCs, methyl chloroform, HBFCs, and methyl bromide: 100% reduction from January 1, 1994 to January 1, 2005; and
- HCFCs: 65%, 90%, 99.5% and 100% reductions by January 1, 2010, January 1, 2015, January 1, 2020 and January 1, 2030, respectively.

In addition, there are restrictions on the refill of equipment such as mobile air-conditioning units, mobile refrigeration, household appliances, commercial refrigeration and air-conditioning and chillers with CFCs as of 2006. There are no restrictions on the use of HCFCs as refrigerants in the refrigeration and air-conditioning sectors. Furthermore, currently, there is no prohibition on the sale of refrigeration or air-conditioning systems that contain HCFCs.

As there were no buildings/structures located at the Phase One Property, there was no evidence of ODSs at the Phase One Property at the time of the site reconnaissance.

There were no environmental concerns noted with respect to ODSs at the Phase One Property.

5.2.15 Radon

Radon gas is a product of the decay series that begins with uranium. Radon is produced directly from radium, which can be commonly found in bedrock that contains black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures. Radon may accumulate in poorly ventilated basements or subsurface enclosures.

According to Health Canada's Cross-Canada Survey of Radon Concentrations in Homes, none of the homes assessed as a part of this study in the Region of Peel had radon gas levels above Health Canada's guideline (200 Becquerels per cubic metre (Bq/m^3)). It should be noted that no buildings/structures were present on the Phase One Property at the time of the site reconnaissance. Based on the above-noted information, radon gas products are not expected to be found at the Phase One Property at levels of concern.

5.2.16 EMF

Electrical currents cause electromagnetic fields. Common household current is alternating current, which reverses its direction (its charge) then switches back. This cycle creates electric and magnetic fields at the same frequency. No scientific data supports definitive answers to questions about the existence or non-existence of health risks related to electromagnetic fields.

There were no high-voltage transmission lines or electrical substations, which could generate significant electromagnetic frequencies, identified on or adjacent to the Phase One Property.

5.2.17 Noise and Vibration

The effects of noise and vibration on human health vary according to the susceptibility of the individual exposed, the nature of the noise/vibration and whether exposure occurs in the working environment or in the home.

There were no major or persistent sources of noise and/or vibration identified on or adjacent to the Phase One Property during the site reconnaissance.

5.2.18 Mould

As there were no buildings/structures located at the Phase One Property, there was no evidence of suspect mould growth at the Phase One Property at the time of the site reconnaissance.

5.2.19 Potentially Contaminating Activity at the Phase One Property

At the time of the site reconnaissance, the following on-site PCAs (description based on the *O. Reg. 153/04, as amended* – Table 2: Potentially Contaminating Activities) resulting in APECs on the Phase One Property were identified to be currently present:

- Item #30 – Importation of Fill Material of Unknown Quality;
- Item Other – Application of Road Salt.

5.2.20 Any Unidentified Substances Found at the Phase One Property

At the time of the site reconnaissance, there was no obvious visual evidence of unidentified substances in the accessed areas of the Phase One Property.

5.3 Current Land Uses – Adjacent/Neighbouring Properties

The Phase One Property was surrounded by parkland located to the north and single-family residential dwellings located to the east, south and west of the Phase One Property.

It is unknown how the adjacent/neighbouring properties were historically heated. However, there was no obvious visual evidence of vent or fill pipes indicating the potential presence of existing, abandoned or decommissioned USTs identified on the adjacent/neighbouring properties on all sides of the Phase One Property (where accessible/visible). Furthermore, observations of these adjacent/neighbouring properties (where accessible/visible) from publicly accessible areas did not reveal any obvious visual evidence of outside chemical storage in ASTs, USTs and drums, and/or major spills.

Based on our visual observations at the time of the site reconnaissance and the current land uses of the adjacent/neighbouring properties on all sides of the Phase One Property, it is unlikely that there is significant adverse environmental contaminant impact to the Phase One Property.

5.4 Enhanced Investigation

An Enhanced Investigation Property is (i) a property used, or has ever been used, in whole or in part, for an industrial purpose, or (ii) a commercial property used as a garage, a bulk liquid dispensing facility, including a gasoline outlet or for the operation of dry-cleaning equipment, according to *O. Reg. 153/04, as amended.*

Based on the current and historical land uses, the Phase One Property would not be considered an Enhanced Investigation Property in accordance with the requirements of *O. Reg. 153/04 (as amended)*.

5.5 Written Description of the Investigation

S2S conducted a Phase One ESA at the Phase One Property which comprises the vacant (formerly institutional) property, municipally addressed as 2620 Chalkwell Close in Mississauga, Ontario. S2S conducted this Phase One ESA in support of a Zoning Bylaw Amendment application with the City of Mississauga; therefore, this Phase One ESA was completed in accordance with *O. Reg. 153/04, as amended.*

The Phase One ESA site reconnaissance was conducted on December 19, 2023, by Mr. Blake D'Souza of S2S, under the supervision of Mr. Riyaz Punjani, P. Eng., a Qualified Person as defined by *O. Reg. 153/04, as amended*. The S2S representative was unaccompanied during the site reconnaissance. The findings of S2S's site reconnaissance and interviews are found throughout Section 5.2 of this report.

An on-site PCA resulting in APEC 1 on the Phase One Property was associated with groundwater exceedances of PHC fractions F2 and F3 in the historical groundwater monitoring wells BH101 and BH102 (historically located on the southeast portion of the Phase One Property) in 2018 when compared to the applicable 2011 MECP Table 3 Standards with medium/fine-textured soil. Based on a review of the provided previous environmental reports, the depths to groundwater in the above-noted historical groundwater monitoring wells were 2.7 m bgs and 3.0 m bgs in October 2018. These groundwater monitoring wells were located within the initial soil excavation, which was completed to bedrock at a reported depth of approximately 3.5 m bgs in the vicinity of BH101 and BH102 in 2019. Therefore, impacted groundwater within the excavation has likely been removed. Furthermore, at that time, no additional soil exceedances were identified with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils in the vicinity of the above-noted historical groundwater monitoring wells. Therefore, though groundwater was not tested as part of the confirmatory sampling program, the likelihood of significant groundwater contamination is low.

Additionally, another on-site PCA resulting in APEC 2 on the Phase One Property was associated with groundwater exceedances identified in the historical groundwater monitoring wells BH103, BH205, BH207 and BH207 (Dup-4) (historically located on the southeast portion of the Phase One Property) for PHC fractions F2 (all of the previously listed groundwater monitoring wells) and F3 (only in groundwater monitoring well BH103) in 2018 by OHE. However, these groundwater monitoring wells were resampled by WSP in 2018, and no exceedances with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils were identified in groundwater at that time. Given the generally marginal exceedances reported (excluding BH103), it is likely that no further remediation is required. However, it is recommended that groundwater monitoring and sampling be completed in the vicinity of the above-noted historical groundwater monitoring wells, such that two successive monitoring events (indicating no groundwater exceedances) be completed as part of the redevelopment process of the Phase One Property to confirm the quality of the groundwater in accordance with the MECP O. Reg. 153/04, as amended.

An additional PCA resulting in APEC 3 on the Phase One Property was associated with the historical importation of fill materials of unknown quality on the Phase One Property at the time of development.

Furthermore, a PCA resulting in APEC 4 on the Phase One Property was associated with EC and SAR impacted soil from the historical parking lot of the Phase One Property which were also reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

Based on the findings of this Phase One ESA, a Phase Two ESA is required at the Phase One Property and recommended to be completed as part of the redevelopment process of the Phase One Property. The specific objectives of the investigation would be to assess the APECs identified at the Phase One Property in the context of the existing regulatory framework and legislation regarding contaminated sites and Brownfields in the Province of Ontario to confirm whether contaminants are present on, in or under the Phase One Property, and, if so, what the contaminants are, and where they are located on, in or under the Phase One Property and at what concentrations.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot, and the entire Phase One Property consisted of landscaped areas. No buildings or structures were located on the Phase One Property at the time of the site reconnaissance. Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property. No asphalt paved surface parking and driveway areas were present on the Phase One Property. The Phase One Property had a total area of 2.0 hectares (4.9 acres). The PIN for the Phase One Property was 13430-0233 (LT). At the time of the site reconnaissance, the Phase One Property was reportedly owned and managed by 1672735 Ontario Inc. The current and past uses of the Phase One Property were determined from a chain of title, aerial photographs, FIPs, City Directories and other historical records reviewed.

A summary of the current and past uses of the Phase One Property from the present to 1805 is presented below in Table 10:

Table 10 - Current and Past Uses of the Phase One Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
13430-0233 (LT)				
2023 to Present	1672735 Ontario Inc.	Vacant Lot (Formerly Institutional Building)	Institutional	Site Reconnaissance: The Phase One Property appeared to consist of a vacant lot at the time of the site reconnaissance.
2021 to 2023	The South Peel Board of Education	Vacant Lot (Formerly Institutional Building)	Institutional	2022 Aerial Photograph: The Phase One Property appeared to consist of a vacant lot.
1959 to 2021	The South Peel Board of Education	Institutional Building	Institutional	1966, 1975, 1980, 1985, 1989, 1995, 2000, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 and 2021 Aerial Photographs: The Phase One Property appeared to be developed with an inferred building of similar size and configuration as the former institutional building. 1969/1970, 1985, 1990, 1995 and 2001 City Directories: The One Property was listed as an institutional property at those times.
1955 to 1959	United Lands Corporation	Undeveloped	Agricultural or other use	1958 City Directory – Not Listed

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
	Limited			No available aerial photographs, or FIPs. However, since there was no observed property use change from 1954 to 1966, it was assumed that the property use remained the same during this time period.
1941 to 1955	Ross L. Greenians and Wilmer K. Greenians	Undeveloped	Agricultural or other use	1954 Aerial Photograph: The Phase One Property appeared to be undeveloped.
1930 to 1941	Ross L. Greenians and Norman Greenians	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1910 to 1930	Norman P. Greenians estate of Charles Greenians	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1899 to 1910	Norman Greenians estate of Charles W. Greenians and Gaylord Greenians Sr.	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1866 to 1899	Daniel Granger estate of George Shunk and Charles W. Greenians estate of Gaylord Greenians Sr.	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1856 to 1866	Daniel Granger estate of George Shunk, David Greenians and Willard Greenians	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1854 to 1856	William Skyner, David Greenians and William Greenians	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1846 to 1854	William Skyner and Peter Greenians Jr.	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1845 to 1846	John Skyner and Peter Greenians Jr	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1842 to 1845	Onange Lawrence and Peter Greenians Jr.	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1841 to 1842	William Hammond and Peter Greenians Jr	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1825 to 1841	Peter Greenians Jr.	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1805 to 1825	Sebastien Greenians	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.

As per the above table, the earliest record available for the Phase One Property were the Title Searches conducted and an aerial photograph from 1954, which indicated that the Phase One Property was undeveloped, and ownership of the Phase One Property was listed under private individuals as early as 1805. According to the Title Searches conducted, an aerial photograph from 1966 and available City Directories from 1969/1970, the Phase One Property was developed as an institutional property at those times. Based on an aerial photograph from 2022 and our visual observations at the time of the site reconnaissance, the Phase One Property consisted of a vacant lot at those times.

6.2 Potentially Contaminating Activities

Based on the findings of the Phase One ESA, following is a list of PCAs (description based on the *O. Reg. 153/04, as amended* – Table 2: Potentially Contaminating Activities) identified within the Phase One Study Area that contribute to APECs on the Phase One Property:

- PCA 1: Other – Petroleum hydrocarbon fractions F2 and F3 impacted groundwater based on previous groundwater investigations identified in 2018 in historical groundwater monitoring wells BH101 and BH102;
- PCA 2: Other – PHC fractions F2 and F3 impacted groundwater identified in 2018. However, a subsequent round of sampling was completed which identified no groundwater exceedances;
- PCA 3: #30 – Importation of Fill material of Unknown Quality; and
- PCA 4: Other – Previous soil exceedances of EC and SAR in the backfill (taken from the historical parking lot) used on the east portion of the Phase One Property. Historical asphalt paved areas on the central and east portions of the Phase One Property.

The above noted PCAs are based on the following discussions:

- PCA 1 – Other (Petroleum hydrocarbon fractions F2 and F3 impacted groundwater identified in 2018). Groundwater exceedances of PHC fractions F2 and F3 were identified in the historical groundwater monitoring wells BH101 and BH102 (historically located on the southeast portion of the Phase One Property) in 2018 when compared to the applicable 2011 MECP Table 3 Standards with medium/fine-textured soils. The concentrations of PHC fractions F2 and F3 were as follows:
    - BH101
        - PHC fraction F2 (27,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
        - PHC fraction F3 (21,000 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).

  - BH102
    - PHC fraction F2 (11,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
    - PHC fraction F3 (7,700 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).

Based on a review of the provided previous environmental reports, the depths to groundwater in the above-noted historical groundwater monitoring wells were 2.7 m bgs and 3.0 m bgs in October 2018. These groundwater monitoring wells were located within the initial soil excavation, which was completed to bedrock at a reported depth of approximately 3.5 m bgs in the vicinity of BH101 and BH102 in 2019. Therefore, impacted groundwater within the excavation has likely been removed. Furthermore, at that time, no additional soil exceedances were identified with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils in the vicinity of the above-noted historical groundwater monitoring wells. Therefore, though groundwater was not tested as part of the confirmatory sampling program, the likelihood of significant groundwater contamination is low.

- PCA 2 – Other (Petroleum hydrocarbon fractions F2 and F3 impacted groundwater identified in 2018 with a subsequent round of sampling which identified no groundwater exceedances). Groundwater exceedances were identified in the historical groundwater monitoring wells BH103, BH205, BH207 and BH207 (Dup-4) (historically located on the southeast portion of the Phase One Property) for PHC fractions F2 (all of the previously listed groundwater monitoring wells) and F3 (only in groundwater monitoring well BH103) in 2018 by OHE as follows:

  - BH103
    - PHC fraction F2 (1,910 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
    - PHC fraction F3 (550 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
  - BH205S
    - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
  - BH207
    - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
  - BH207 (Dup4)
    - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).

  However, these groundwater monitoring wells were resampled by WSP in 2018, and no exceedances with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils were identified in groundwater at that time. Given the generally marginal exceedances listed above (excluding BH103), it is likely that no further remediation is required. However, it is recommended that groundwater monitoring and sampling be completed in the vicinity of the above-noted historical groundwater monitoring wells, such

that two successive monitoring events (indicating no groundwater exceedances) be completed as part of the redevelopment process of the Phase One Property to confirm the quality of the groundwater in accordance with the MECP O. Reg. 153/04, as amended.

- PCA 3: #30 – Importation of Fill material of Unknown Quality. Phase One and Two ESAs were completed by OHE in 2018 for the Phase One Property; however, it should be noted that the Client was not permitted to provide these environmental reports to S2S for review. Therefore, based on the summary of the above-noted environmental reports from the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report, the quality of fill material was not investigated as part of the 2018 OHE Phase Two ESA report.

  Fill materials may have been placed at various locations when the Phase One Property was in the process of being developed (i.e., construction/development). However, given the current property use (vacant lot), it is recommended that the above-noted APEC be further investigated as part of the redevelopment process of the Phase One Property to assess the quality of the soil in accordance with the MECP *O. Reg. 153/04, as amended*.

- PCA 4: Other – Previous soil exceedances of EC and SAR in the backfill (taken from the historical parking lot) used on the east portion of the Phase One Property. Based on a review of the 2022 WSP UST Removal and Soil Excavation Report, EC and SAR impacted soil from the historical parking lot (previously located on the central and east portions of the Phase One Property) of the Phase One Property were reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

As discussed above in Section 3.2.5 of this report, additional off-site PCAs were identified within the Phase One Study area from the ERIS Report; however, based on considerations such as distance from the Phase One Property, assumed groundwater flow direction, and our visual observations, these additional off-site PCAs were determined to not result in APECs on the Phase One Property.

6.3 Areas of Potential Environmental Concern

Based on the information gathered during this Phase One ESA, the following PCAs potentially resulting in APECs on the Phase One Property were listed below in Table 11 (also shown on the Phase One ESA CSM Drawings No. 2 and 3 in Appendix A).

Table 11 - Areas of Potential Environmental Concern

APEC	Location of APEC on Phase One Property	PCA	Location of PCA (on-site or off site)	COPC[1]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Southeast portion of the Phase One Property	PCA 1: - Other *(Petroleum hydrocarbon (PHC) fractions F2 and F3 impacted groundwater based on previous groundwater investigations identified in 2018 in historical groundwater monitoring wells BH101 and BH102*	On-site	PHC fractions F2 and F3	Groundwater
APEC 2	Southeast portion of the Phase One Property	PCA 2: - Other *(PHC fractions F2 and F3 impacted groundwater were identified in 2018. However, a subsequent round of sampling was completed which identified no groundwater exceedances.*	On-site	PHC fractions F2 and F3	Groundwater
APEC 3	Entire Phase One Property	PCA 3: #30 – Importation of Fill Material of Unknown Quality *(Fill materials of unknown quality at the Phase One Property)*	On-site	PAHs, metals including As, Sb, Se, B-HWS, Cr (VI), Hg, CN^-, EC, SAR	Soil
APEC 4	Central and East Portions of Phase One Property	PCA 4: - Other *(Previous soil exceedances of EC and SAR in the backfill (taken from the historical parking lot) used on the east portion of the Phase One Property*	On-site	EC, SAR	Soil

Notes:
1. The acronyms noted above indicate the following contaminants of potential concern: petroleum hydrocarbons (PHCs); polycyclic aromatic hydrocarbons (PAHs); arsenic (As), antimony (Sb), selenium (Se), chromium VI (Cr(VI)); mercury (Hg); cyanide (CN-); boron (hot water soluble)

6.4 Phase One Conceptual Site Model

Based on this Phase One ESA, the following comprises the Phase One CSM:

6.4.1 Figures of the Phase One Study Area

A site location map, an aerial photograph depicting the Phase One CSM and any PCAs potentially resulting in APECs on the Phase One Property Phase One Property, and a site plan showing neighbouring land uses, and any APECs on the Phase One Property are included in Appendix A of this report as Drawing Nos. 1 to 3, respectively.

6.4.2 Description and Assessment of Findings of the Phase One ESA

The Phase One Property was located on the west side of the cul-de-sac of Chalkwell Close, approximately 75 m northwest of the intersection of Karenza Road and Chalkwell Close. At the time of the site reconnaissance, the Phase One Property consisted of a vacant lot, and the entire Phase One Property consisted of landscaped areas. No buildings or structures were located on the Phase One Property at the time of the site reconnaissance. Vehicular access to the Phase One Property was from an asphalt paved driveway off the cul-de-sac of Chalkwell Close, located on the southeast side of the Phase One Property. No asphalt paved surface parking and driveway areas were present on the Phase One Property. The Phase One Property had a total area of 2.0 hectares (4.9 acres). The PIN for the Phase One Property was 13430-0233 (LT). At the time of the site reconnaissance, the Phase One Property was reportedly owned and managed by 1672735 Ontario Inc.

The Phase One Study Area and the Phase One Property are situated in a developed portion of the City of Mississauga. The City of Mississauga Official Plan and the ANSI maps provided on-line (also provided by the MNRF and ERIS) were reviewed to determine if an environmentally sensitive area is located within the Phase One Study Area. Based on this review of these plans and maps, the following is of note:

- No water bodies were identified on the Phase One Property or in the Phase One Study Area;
- The closest water body to the Phase One Property, Sheridan Creek, is located approximately 760 m east of the Phase One Property, and approximately 400 m north of the Phase One Study Area;
- No Environmentally Sensitive Areas were identified on the Phase One Property or in the Phase One Study Area; and
- No ANSIs were identified on the Phase One Property or in the Phase One Study Area.

At the time of the site reconnaissance, there was no evidence of stressed vegetation (potentially associated with PCAs or APECs), pits, potable water wells, standing water, lagoons or

watercourses observed on the Phase One Property.

Potable water in the Phase One Study Area is provided by the City of Mississauga, which is obtained from Lake Ontario. No potable water wells were identified at the Phase One Property.

The Phase One Property was surrounded by parkland located to the north and single-family residential dwellings located to the east, south and west of the Phase One Property.

Areas Where PCA on or Potentially Affecting the Phase One Property Has Occurred

The following identified PCAs (description based on the *O. Reg. 153/04, as amended* – Table 2: Potentially Contaminating Activities) within the Phase One Study Area contribute to APECs on the Phase One Property:

- PCA 1 – Other (Petroleum hydrocarbon fractions F2 and F3 impacted groundwater identified in 2018). Groundwater exceedances of PHC fractions F2 and F3 were identified in the historical groundwater monitoring wells BH101 and BH102 (historically located on the southeast portion of the Phase One Property) in 2018 when compared to the applicable 2011 MECP Table 3 Standards with medium/fine-textured soils. The concentrations of PHC fractions F2 and F3 were as follows:
    - BH101
        - PHC fraction F2 (27,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
        - PHC fraction F3 (21,000 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
    - BH102
        - PHC fraction F2 (11,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
        - PHC fraction F3 (7,700 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).

Based on a review of the provided previous environmental reports, the depths to groundwater in the above-noted historical groundwater monitoring wells were 2.7 m bgs and 3.0 m bgs in October 2018. These groundwater monitoring wells were located within the initial soil excavation, which was completed to bedrock at a reported depth of approximately 3.5 m bgs in the vicinity of BH101 and BH102 in 2019. Therefore, impacted groundwater within the excavation has likely been removed. Furthermore, at that time, no additional soil exceedances were identified with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils in the vicinity of the above-noted historical groundwater monitoring wells. Therefore, though groundwater was not tested as part of the confirmatory sampling program, the likelihood of significant groundwater contamination is low.

- PCA 2 – Other (Petroleum hydrocarbon fractions F2 and F3 impacted groundwater identified in 2018 with a subsequent round of sampling which identified no groundwater exceedances). Groundwater exceedances were identified in the historical groundwater

monitoring wells BH103, BH205, BH207 and BH207 (Dup-4) (historically located on the southeast portion of the Phase One Property) for PHC fractions F2 (all of the previously listed groundwater monitoring wells) and F3 (only in groundwater monitoring well BH103) in 2018 by OHE as follows:

- BH103
  - PHC fraction F2 (1,910 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (550 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH205S
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207 (Dup4)
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).

However, these groundwater monitoring wells were resampled by WSP in 2018, and no exceedances with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soils were identified in groundwater at that time. Given the generally marginal exceedances listed above (excluding BH103), it is likely that no further remediation is required. However, it is recommended that groundwater monitoring and sampling be completed in the vicinity of the above-noted historical groundwater monitoring wells, such that two successive monitoring events (indicating no groundwater exceedances) be completed as part of the redevelopment process of the Phase One Property to confirm the quality of the groundwater in accordance with the MECP O. Reg. 153/04, as amended.

- PCA 3: #30 – Importation of Fill material of Unknown Quality. Phase One and Two ESAs were completed by OHE in 2018 for the Phase One Property; however, it should be noted that the Client was not permitted to provide these environmental reports to S2S for review. Therefore, based on the summary of the above-noted environmental reports from the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report, the quality of fill material was not investigated as part of the 2018 OHE Phase Two ESA report.

  Fill materials may have been placed at various locations when the Phase One Property was in the process of being developed (i.e., construction/development). However, given the current property use (vacant lot), it is recommended that the above-noted APEC be further investigated as part of the redevelopment process of the Phase One Property to assess the quality of the soil in accordance with the MECP *O. Reg. 153/04, as amended*.

- PCA 4: Other – Previous soil exceedances of EC and SAR in the backfill (taken from the historical parking lot) used on the east portion of the Phase One Property. Based on a review of the 2022 WSP UST Removal and Soil Excavation Report, EC and SAR impacted

soil from the historical parking lot (previously located on the central and east portions of the Phase One Property) of the Phase One Property were reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

Contaminants of Potential Concern

APECs associated with the above noted PCAs were determined to be the southeast portion of the Phase One Property for PCAs 1 and 2; the entire Phase One Property for PCA 3 and the central and east portions of the Phase One Property for PCA 4. The locations of the PCAs and on-site APECs are shown on the attached Drawing No. 3.

COPCs identified, based on the APECs include PHCs, PAHs, As, Sb, Se, Cr(VI), Hg, CN-, boron (hot water soluble).

Potential for Underground Utilities to Affect Contaminant Distribution and Transport

Subsurface utilities identified at the Phase One Property which could affect contaminant distribution and transport at the time of the subsurface investigation include:

- A municipal water line, an underground municipal sewer line and natural gas lines. The exact location of these services could not be confirmed during the Phase One investigation.

Regional or Site Specific Geological and Hydrogeological Information

Topographic information obtained from Google Earth, showed the site elevation to range from approximately 131 m to 136 m amsl. The ground surface at the Phase One Property was generally visually noted to be slope down gently to the east, and surface water at the Phase One Property was assumed to infiltrate into the on-site landscaped areas; and to drain towards on-site catch basins, which reportedly discharged to the municipal storm sewer system. It should be noted that the adjacent properties located on all sides of the Phase One Property generally appeared to be at the same elevation as the Phase One Property.

The shallow horizontal groundwater flow direction in the area, based on apparent topography, was likely east towards Lake Ontario, located approximately 4.0 km east of the Phase One Property. It should be noted that the direction of shallow groundwater flow in limited areas are also be influenced by the presence of underground utility corridors and is not necessarily a reflection of local groundwater flow or a replica of the Phase One Property or area topography. A site-specific determination of groundwater flow would be required to obtain groundwater flow direction information for the Phase One Property. Based on the groundwater investigations completed for the Phase One Property, the groundwater flow direction was generally east.

Based on available surficial geology maps, accessed using Google Earth, the native surficial soils in the vicinity of the Phase One Property, predominantly comprises Paleozoic bedrock. Available

geology maps (Ontario Geological Survey (OGS) database "Surface Geology Report") indicated that the Phase One Study Area comprises Paleozoic bedrock with clay, silt, sand, gravel, diamicton and exposed or thin drift-covered shale and dolostone.

According to the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report, the native soil stratigraphy consisted of "*Fill material was located in all seven (7) boreholes ranging at depths between 0.05 and 1.22 mbgs underlain by native silty clay, silty sand to sandy silt soil mixed with shale fragments in all seven (7) boreholes, ranging in depths between 0.07 and borehole termination at 3.0 mbgs. Shale was encountered within the four (4) exterior boreholes ranging in depth below 3 mbgs. Red silty sand/sandy silty was encountered between shale layers extending to borehole termination."*

According to information provided in the reviewed ERIS report, a search of the WWIS database for the Phase One Property and Phase One Study Area indicated that a total of 27 water well sites were located within 300 m of the Phase One Property. WWIS Well ID No. 7334727, a groundwater monitoring well, was reportedly advanced on November 28, 2018, on the Phase One Property (UTM Zone 17, UTM Co-ordinates Northing – 4818189, Easting – 608789). In addition, it should be noted that S2S obtained the well record for this monitoring well as part of a provincial online well record search. This monitoring well was reportedly advanced to a depth of 6.1 m bgs and consisted of the following stratigraphy:

- Brown fill, sand and gravel from ground surface (0.0 m) to a reported depth of approximately 0.6 m bgs;
- Brown silt and sand from a reported depth of 0.6 m bgs to a reported depth of approximately 3.0 m bgs;
- Grey shale from a reported depth of 3.0 m bgs to a reported depth of approximately 6.1 m bgs (the maximum extent of the observation/monitoring well).

Furthermore, according to information provided in the reviewed ERIS Report, a search of the BORE database for the Phase One Property and Phase One Study Area indicated that no boreholes were located within 300 m of the Phase One Property.

Based on the OGS database "Bedrock Geology of Ontario" (2011), the Phase One Property is assumed to be underlain by shale, limestone, dolostone and siltstone from the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and Eastview Member. According to information provided in the ERIS Report, bedrock was encountered in four of the boreholes in the Phase One Study Area. Based on available information to-date, the depth to bedrock is anticipated to be at approximately 0 m bgs to 9.1 m bgs. It should be noted that based on a review of the borehole logs appended to the 2022 WSP UST Removal and Soil Excavation Report, the shallow reported depth of bedrock noted above was likely due to fragments of shale encountered and the depth to bedrock was anticipated to be at least approximately 2.1 m bgs (BH201-S).

Uncertainties or Absences of Information That Could Affect the Validity of the Phase One CSM

There were no material deviations to the Phase One ESA requirements set out in *O. Reg. 153/04, as amended* that would cause uncertainty or absence of information that would affect the validity of the findings of this assessment.

6.4.3 Exemption Set Out in Paragraph 1 or 2 of Section 49.1 of Regulation

As noted in Section 3.3, based on a review of the 2022 WSP UST Removal and Soil Excavation Report, EC and SAR impacted soil from the historical parking lot (previously located on the central and east portions of the Phase One Property) of the Phase One Property were reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

S2S does not intend to rely upon the exemption set out in Paragraph 2 of Section 49.1 of *O. Reg. 153/04, as amended*, as S2S is not aware of any previously identified exceedances in groundwater to which this exemption would apply.

6.4.4 Intention to Rely Upon the Exemption Set Out in Paragraph 3 of Section 49.1 of Regulation

S2S does not intend to rely upon the exemption set out in Paragraph 3 of Section 49.1 of *O. Reg. 153/04, as amended*, as S2S is not aware of any previously identified exceedances in fill materials to which this exemption would apply.

7.0 CONCLUSIONS

Based on information gathered and observations made, the Phase One ESA has revealed the following PCAs resulting in APECs at the Phase One Property:

(APEC	Location of APEC on Phase One Property	PCA	Location of PCA (on-site or off site)	COPC[1]	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Southeast portion of the Phase One Property	PCA 1: - Other *(Petroleum hydrocarbon (PHC) fractions F2 and F3 impacted groundwater based on previous groundwater investigations identified in 2018 in historical groundwater monitoring wells BH101 and BH102)*	On-site	PHC fractions F2 and F3	Groundwater
APEC 2	Southeast portion of the Phase One Property	PCA 2: - Other *(PHC fractions F2 and F3 impacted groundwater were identified in 2018. However, a subsequent round of sampling was completed which identified no groundwater exceedances.)*	On-site	PHC fractions F2 and F3	Groundwater
APEC 3	Entire Phase One Property	PCA 3: #30 – Importation of Fill Material of Unknown Quality *(Fill materials of unknown quality at the Phase One Property)*	On-site	PAHs, metals including As, Sb, Se, B-HWS, Cr (VI), Hg, CN^-, EC, SAR	Soil
APEC 4	Central and East Portions of Phase One	PCA 4: - Other *(Previous soil exceedances of*	On-site	EC, SAR	Soil

(APEC	Location of APEC on Phase One Property	PCA	Location of PCA (on-site or off site)	COPC[1]	Media Potentially Impacted (Groundwater, soil and/or sediment)
	Property	*EC and SAR in the backfill (taken from the historical parking lot) used on the east portionof the Phase One Property*			

Notes:

1- The acronyms noted above indicate the following contaminants of potential concern: petroleum hydrocarbons (PHCs); polycyclic aromatic hydrocarbons (PAHs); arsenic (As), antimony (Sb), selenium (Se), chromium VI (Cr(VI)); mercury (Hg); cyanide (CN-); boron (hot water soluble) (B-HWS); Electrical Conductivity (EC); Sodium Adsorption Ratio (SAR).

Discussions

Previous subsurface investigations were completed by OHE in 2018 and by WSP in 2018 to 2022 on the Phase One Property, in order to investigate a historical UST located on the exterior southeast side of the former school building, generally located on the southeast portion of the Phase One Property, which was removed in late 2018 to 2019. Based on the APECs noted above, further information should be noted below:

APEC 1:

Groundwater exceedances of PHC fractions F2 and F3 were identified in the historical groundwater monitoring wells BH101 and BH102 (historically located on the southeast portion of the Phase One Property) in 2018 when compared to the applicable 2011 MECP Table 3 Standards with medium/fine-textured soils. The concentrations of PHC fractions F2 and F3 were as follows:

- BH101
  - PHC fraction F2 (27,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (21,000 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH102
  - PHC fraction F2 (11,000 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (7,700 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).

Based on a review of the provided previous environmental reports, the depths to groundwater in the above-noted historical groundwater monitoring wells were 2.7 m bgs and 3.0 m bgs in October 2018. These groundwater monitoring wells were located within the initial soil excavation, which was completed to bedrock at a reported depth of approximately 3.5 m bgs in the vicinity of BH101 and BH102 in 2019. Therefore, impacted groundwater within the excavation has likely been

removed. Furthermore, at that time, no additional soil exceedances were identified with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soil in the vicinity of the above-noted historical groundwater monitoring wells. Therefore, though groundwater was not tested as part of the confirmatory sampling program, the likelihood of significant groundwater contamination is low.

APEC 2:

Groundwater exceedances were identified in the historical groundwater monitoring wells BH103, BH205, BH207 and BH207 (Dup-4) (historically located on the southeast portion of the Phase One Property) for PHC fractions F2 (all of the previously listed groundwater monitoring wells) and F3 (only in groundwater monitoring well BH103) in 2018 by OHE as follows:

- BH103
  - PHC fraction F2 (1,910 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L); and
  - PHC fraction F3 (550 µg/L vs. a 2011 MECP Table 3 Standard of 500 µg/L).
- BH205S
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).
- BH207 (Dup4)
  - PHC fraction F2 (190 µg/L vs. a 2011 MECP Table 3 Standard of 150 µg/L).

However, these groundwater monitoring wells were resampled by WSP in 2018, and no exceedances with respect to the 2011 MECP Table 3 Standards with medium/fine-textured soil were identified in groundwater at that time. Given the generally marginal exceedances listed above (excluding BH103), it is likely that no further remediation is required. However, it is recommended that groundwater monitoring and sampling be completed in the vicinity of the above-noted historical groundwater monitoring wells, such that two successive monitoring events (indicating no groundwater exceedances) be completed as part of the redevelopment process of the Phase One Property to confirm the quality of the groundwater in accordance with the MECP O. Reg. 153/04, as amended.

APEC 3:

Phase One and Two ESAs were completed by OHE in 2018 for the Phase One Property; however, it should be noted that the Client was not permitted to provide these environmental reports to S2S for review. Therefore, based on the summary of the above-noted environmental reports from the 2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report, the quality of fill material was not investigated as part of the 2018 OHE Phase Two ESA report.

Fill materials may have been placed at various locations when the Phase One Property was in the process of being developed (i.e., construction/development). However, given the current property use (vacant lot), it is recommended that the above-noted APEC be further investigated as part of the redevelopment process of the Phase One Property to confirm the quality of the soil in

accordance with the MECP *O. Reg. 153/04, as amended*.

APEC 4:

Based on a review of the 2022 WSP UST Removal and Soil Excavation Report, EC and SAR impacted soil from the historical parking lot (previously located on the central and east portions of the Phase One Property) of the Phase One Property were reportedly used to backfill the soil excavation completed on the Phase One Property. However, as road salt on this area were applied for the purposes of keeping these areas safe for traffic/walk under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are applicable under Paragraph 1 of Section 49.1 of O. Reg. 152/04, as amended.

A written request under the FOIPPA was made to the MECP with regards to the Phase One Property on December 12, 2023. As of the date of issuance of this report, a written response has not yet been received from the MECP.

8.0 CLOSURE

This report has been prepared for the sole benefit of 1672735 Ontario Inc. (Client).

The report may not be relied upon by any other person or entity without the express written consent of S2S and the Client. Any use that a party makes of this report, or any reliance on decisions made based on it, is the responsibility of such parties. S2S accepts no responsibility for damages, if any, suffered by any party as a result of decisions made or actions based on this report.

S2S makes no other representation whatsoever, including those concerning the legal significance of its findings, or as to the other legal matters addressed incidentally in this report, including but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are Subject to interpretation. These interpretations may change over time, thus the Client should review such issues with appropriate legal counsel.

Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, S2S in certain instances has been required to assume that this information provided is accurate.

The conclusions as presented represent the best judgment of the inspector based on the visual observations of the accessible property elements of the Phase One Property and adjacent properties observed on December 19, 2023. Should additional information become available, S2S requests that this information be brought to our attention so that we may reassess the conclusions presented herein.

Respectfully Submitted,

S2S ENVIRONMENTAL INC.

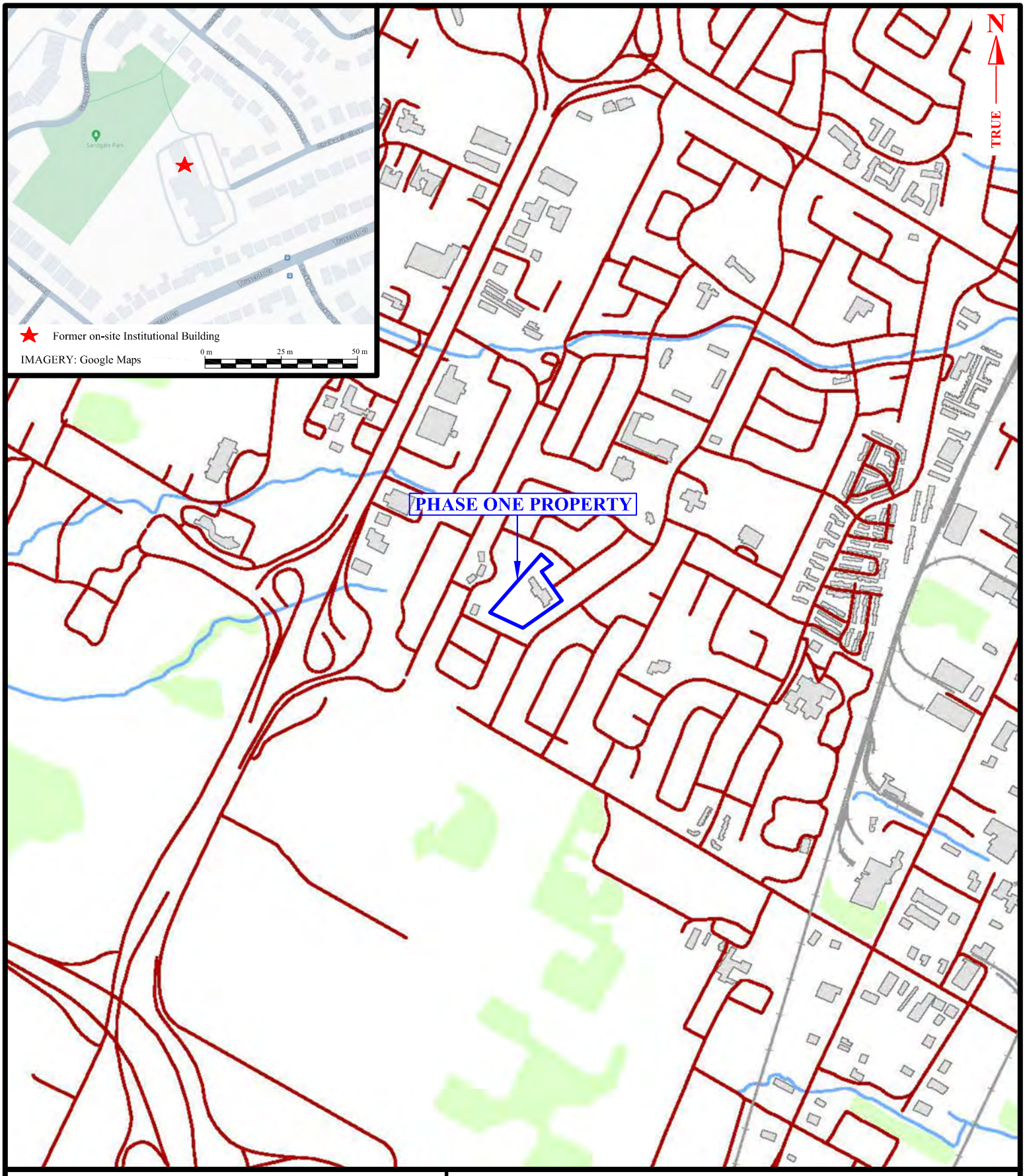
Blake D'Souza, B.A.Sc.
Junior Project Manager
bdsouza@s2se.com

Riyaz Punjani, P.Eng., QP$_{ESA}$
Senior Consultant
rpunjani@s2se.com

Distribution: (1 PDF Copy) - Mr. Waleed Nawaz (1672735 Ontario Inc.)

APPENDIX A

DRAWINGS



DRAWN BY: MR	DATE: JAN 12, 2024	SCALE : 1:22,000

SITE LOCATION MAP

IMAGERY DATE: Ontario Base Mapping (OBM), 2010 , Ontario Ministry of Natural Resources

S2S Environmental Inc.

PROJECT NO:	SITE LOCATION:	DRAWING NO:
11644	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO	1

LEGEND

PHASE ONE ASSUMED PROPERTY LINE

PHASE ONE STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITY (PCA)

1. Southeast portion of Phase One Property
   Other (Previous groundwater exceedances identified in 2018 in BH101 & BH102)
2. Southeast portion of the Phase One Property
   Other (Previous groundwater exceedances identified in 2018, with a subsequent round of sampling which had no exceedances)
3. Entire Phase One Property
   30 - Importation of Fill Material of Unknown Quality
4. Central and East portions the Phase One Property
   Other (Previous EC and SAR impacted soil associated with historical parking lot)

NOTE: IMAGERY DATE: JUN 2023, GOOGLE EARTH

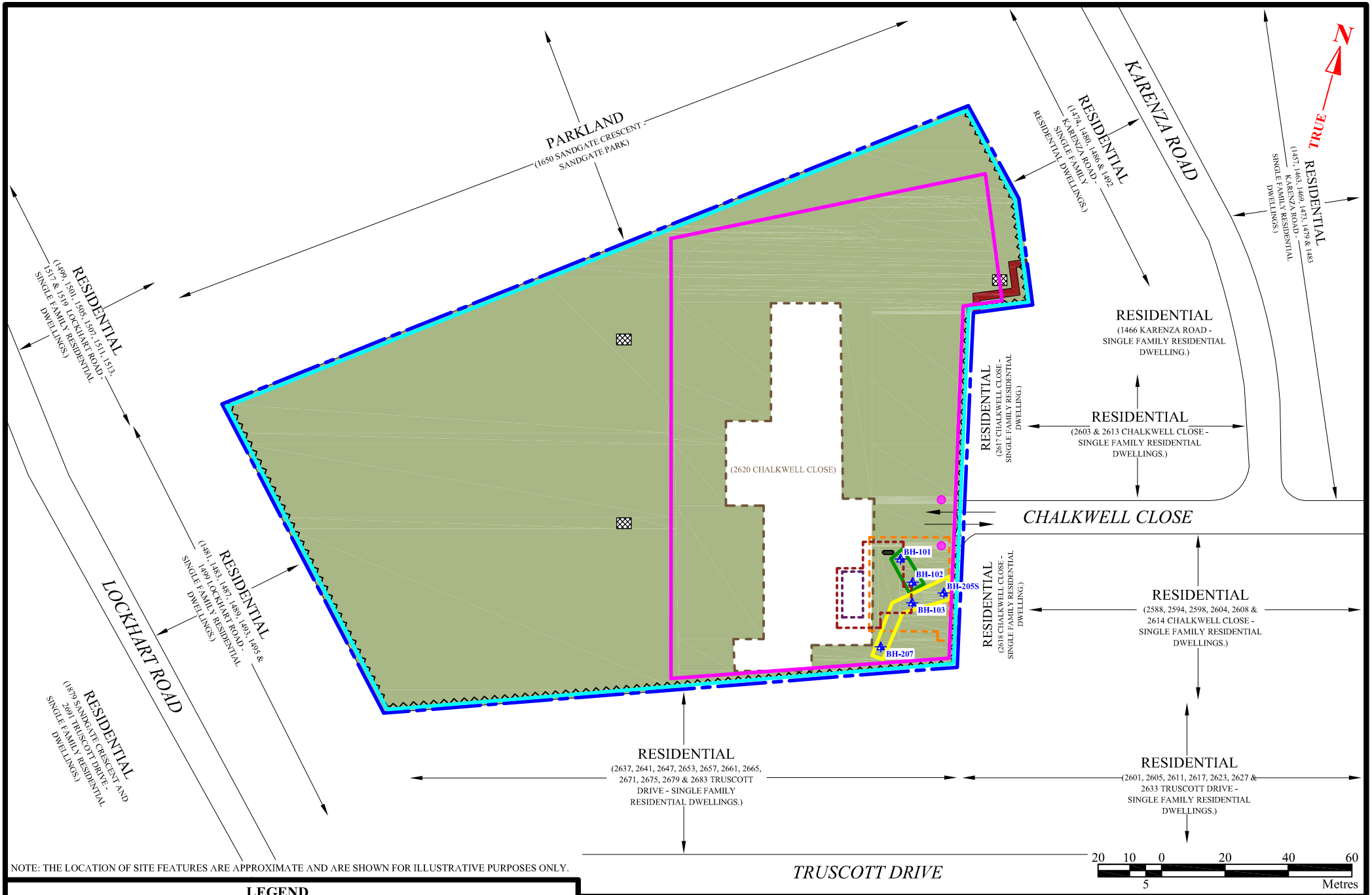
PHASE ONE ESA CONCEPTUAL SITE MODEL

DATE: JAN 12, 2024	DRAWN BY: MR

S2S Environmental Inc.

SCALE: 0m 50m

PROJECT NO:	SITE LOCATION:	DRAWING NO:
11644	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO	2



NOTE: THE LOCATION OF SITE FEATURES ARE APPROXIMATE AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND

- ASSUMED PROPERTY LINE
- SITE ACCESS
- CHAIN LINK FENCE
- WOODEN RETAINING WALL
- APPROXIMATE LOCATION OF HISTORICAL UNDERGROUND STORAGE TANK
- METAL BOLLARD
- CATCH BASIN
- LANDSCAPED AREA
- APPROXIMATE FOOTPRINT OF FORMER BUILDING
- APPROXIMATE EXTENT OF 2019 WSP EXCAVATION
- APPROXIMATE EXTENT OF 2020 WSP EXCAVATION
- APPROXIMATE EXTENT OF 2021 WSP EXCAVATION
- APPROXIMATE LOCATION OF HISTORICAL MONITORING WELLS (OHE, 2018)

AREA OF POTENTIAL ENVIRONMENTAL CONCERN

1 2 3 4

SITE PLAN OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERNS (APECs)

DRAWN BY: MR	DATE: JAN 12, 2024

S2S Environmental Inc.

SCALE:	
AS SHOWN	

PROJECT NO:	SITE LOCATION:	DRAWING NO:
11644	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO	3

APPENDIX B

LIST OF PREVIOUS ENVIRONMENTAL REPORTS

LIST OF PREVIOUS ENVIRONMENTAL REPORTS AND RECORDS

- Block B, Registered Plan 619, City of Mississauga, Regional Municipality of Peel Survey, prepared by Dolliver Surveying Inc., dated April 13, 2005;
- "Topographic Plan of Elmcrest Public School, City of Mississauga, Regional Municipality of Peel", prepared by Marshall Macklin Monaghan Ontario Limited, dated 2006;
- "Environmental Peer Review Comments – Letter No. 1, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by WSP Canada Inc. (WSP), dated August 3, 2018 (referred to as the "2018 WSP Environmental Peer Review Letter");
- "Groundwater Sampling, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by WSP, dated November 1, 2018 (referred to as the "2018 WSP Groundwater Sampling Report");
- "Supplemental Environmental Soil and Groundwater Investigation, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by WSP, dated April 2019 (referred to as the "2019 WSP Supplemental Environmental Soil and Groundwater Investigation Report");
- "Elmcrest P. S. Site, 2620 Chalkwell Close, Mississauga", Site Plan, prepared by Peel District School Board Planning & Accommodation, dated October 2019;
- "Elmcrest P.S. Site, 2620 Chalkwell Close, Mississauga" map, prepared by Peel District School Board Planning & Accommodation, dated October 2019;
- "Annual Asbestos Containing Materials Inspection, Elmcrest Public School, 2620 Chalkwell Close, Mississauga, Ontario" report, prepared for Peel District School Board, prepared by S2S, dated August 25, 2020 (referred to as the "2020 S2S Annual ACM Report");
- "Underground Storage Tank and Soil Excavation 2620 Chalkwell Close, Mississauga, Ontario" letter report, prepared for Technical Standards and Safety Authority, prepared by WSP, dated March 22, 2022;
- "2620 Chalkwell Close, Mississauga, Ontario, Underground Storage Tank Removal and Soil Excavation" report, prepared for Peel District School Board, prepared by WSP, dated March 22, 2022 (referred to as the "2022 WSP UST Removal and Soil Excavation Report");
- TSSA Response Letter, prepared for Peel District School Board, prepared by TSSA, dated May 30, 2022;
- Property Index Map, 2620 Chalkwell Close, Mississauga, prepared by Service Ontario, dated July 19, 2022.

APPENDIX C

ASSESSOR QUALIFICATIONS

Name: Blake D'Souza, B.A.Sc.

Position: Project Scientist

Education/ **B.A.Sc., Chemical Engineering**
University of Toronto, ON, 2018

Courses

- **Environmental Impact and Risk Assessment,** University of Toronto, 2018
- **Chemical Plant Design,** University of Toronto, 2017
- **Chemical Reaction Engineering,** University of Toronto, 2017
- **Process Dynamics and Control,** University of Toronto, 2017
- **Environmental Chemistry,** University of Toronto, 2015

Environmental Site Assessments

- Project Scientist, Phase I Environmental Site Assessments (ESA) for various commercial and residential properties.
- Reviewed environmental registries, city directories, topographic and geological maps, for historical data.
- Conducted interviews with property owners, occupants, key site personnel and local government officials to obtain information concerning the environmental conditions related to the Subject Property and adjacent properties.
- Identified and assessed potential or actual environmental contamination and presence of hazardous materials.
- Developed conclusions and recommendations based on applicable federal, provincial, and municipal regulations.

Baseline Property Condition Assessments

- Project Scientist, Baseline Property Condition Assessments (BPCA) for various residential buildings.
- Conducted visual assessments to determine physical deficiencies of property elements.
- Reported findings in BPCAs in accordance with ASTM standards.
- Assessed the conditions of various roofing systems, the exterior and interior walls, floors, ceilings of buildings and paved areas.
- Recommended replacement, reconstruction and/or repair of building elements with estimated economics.

Name: Riyaz Punjani, P.Eng., QP$_{ESA}$

Position: Project Manager/Senior Consultant

Education/ Courses

B.A.Sc., Civil Engineering, University of Toronto, ON, 1989
Arbitration I and II, University of Toronto, ON, 1995
QMI ISO9001 Quality Management Course, Mississauga, ON, 1995
Leaders & Managers Course, JWEL, Markham, ON, 1997-1999
USEPA – AHERA (Asbestos Hazardous Emergency Response Act) Building Inspector and Management Planner Training Course
Cole & Associates, Seattle, WA, USA, 1999
Confined Space Entry Training, BC Research Inc., Vancouver, BC, 2000
Results-Centred Leadership Program – Executive Management
Catalyst Training Services Inc., Vancouver, BC, 2001

Environmental Site Assessments

- Senior Project Manager/Lead Auditor/Technical Reviewer, Phase I & II Environmental Site Assessments and Compliance Audits at over 1000 sites for Manulife Financial, HSBC, Bank of Montreal, Bank of Nova Scotia, Buetel Goodman Real Estate Group, Royal Bank, Ontario Pension Board, City of Toronto, Public Works and Government Services Canada, Transport Canada, CN Real Estate, CN North America, Kelsey Hayes, ArrowHead Metals, Albright & Wilson, Goodyear, Colgate-Palmolive and numerous other financial and industrial clients. In addition to Phase I ESAs, scope of work included conducting shallow vapour surveys, electromagnetic surveys, environmental/compliance audits, and intrusive investigations for petroleum, solvent and metals contamination.

- Senior Project Manager/Technical Reviewer, Phase II Environmental Site Assessments at over 500 petroleum storage and dispensing facilities, for Shell Canada Products Limited, Petro-Canada, Imperial Oil Limited, Canadian Tire Petroleum, UCO Petroleum Inc., Department of National Defence, Canex and industrial/financial institutions.

- Senior Project Manager, Hazardous Materials and Site Decommissioning studies, including PCBs, heavy metals, asbestos and environmental soil and groundwater sampling and analyses, Metro Toronto Housing Authority, General Tire, Goodyear, Chrysler, Corning, Great-West Life, Albright & Wilson, Kelsey-Hayes and numerous other industrial clients.

Environmental Site Remediation

- Senior Project Manager, Phase III Environmental Site Remediation (soil and groundwater) at over 200 petroleum contaminated sites including excavation and disposal, bio-venting, vapour extraction, bio-slurping, bioremediation (*in-situ/ex-situ*), air sparging and soil management, for Shell Canada Products Limited, Petro-Canada, Imperial Oil Limited, Canadian Tire Petroleum, UCO Petroleum Inc., Department of National Defence, Transport Canada, Canex and industrial/financial institutions.

- Senior Project Manager, Total Project Management including preparation of scope of work, tendering to contractors, costing, regulatory/public liaison, Remedial Action Plan preparation and presentation, decommissioning of sites (hazardous materials, solvents, PCBs, asbestos, coal tar, PAHs, heavy metals, etc.), brown field developments of numerous service stations and industrial properties across Ontario and British Columbia, for major petroleum clients, Federal and Provincial Governments, industrial clients and municipalities.

Baseline Property Condition Assessments

- Site Assessor/Project Manager, Building/Property Condition Assessments of residential and commercial/industrial properties including low and high rise apartment buildings, town house complexes, strip malls, shopping complexes, office buildings and multi-tenant spaces. Type of structure exteriors included wood frame, stucco, concrete, metal and glass cladding and brick finishes. Provided assessment for expected/remaining useful life of system components and recommendations for repairs, maintenance and replacement of property elements and building components.

- Conducted reserve fund studies for condominium corporations as part of their annual budgets forecasting for maintenance. Determined immediate repairs and developed maintenance programs for multi-tenanted residential and commercial properties.

- Technical Reviewer, Building/Property Condition Assessments of residential, commercial and industrial properties. Provided overall technical advice and report review on over 50 BPCA projects.

APPENDIX D

RESOURCE INFORMATION

HISTORICAL SOURCES, REGULATORY CONTACTS, BACKGROUND INFORMATION AND PERSONS INTERVIEWED

SOURCE	INFORMATION RECEIVED/REVIEWED
Client Representative: Mr. Waleed Nawaz of 1672735 Ontario Inc.	Site current and historical information
Previous Environmental Reports/Background Information	- See Appendix B
City Directories - Toronto Reference Library	1958, 1964, 1969/1970, 1975, 1981, 1985, 1990, 1995 and 2001
Fire Insurance Plans - Toronto Reference Library - Opta	Phase One Property and adjacent/neighbouring properties not covered.
Aerial Photographs - Mississauga Interactive Map	1954, 1966, 1975, 1980, 1985, 1989, 1995, 2000, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021 and 2022.
Topographic/Ontario Base Maps - SoftMap Plus Software	Ontario Base Maps Volume 1
Title Search	Land Registry Office #43, Peel (completed by Stewart Davey Title Search)
ERIS	RSC Report (Urban) ERIS Report (dated December 19, 2023) providing information on the Phase One Property and all adjacent/ neighbouring properties within a 300 m search radius from the boundaries of the Phase One Property, through a comprehensive search of all federal, provincial and private source data (attached as Appendix F) ANSI, Bedrock Geology, FIM, OBM, Physiography, Soils and Surficial Geology Maps
Ontario Geological Survey 2007. Physiography of Southern Ontario, Miscellaneous Release--Data 228. 2007. (dataset provided in Google Earth format)	Regional physiography data
Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario, Miscellaneous Release---Data 126-Revision 1. 2011. (dataset provided in Google Earth format)	Regional bedrock geology data
Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV – OGS Earth Mapping Service “Google Earth”	Regional geological soil data

SOURCE	INFORMATION RECEIVED/REVIEWED
MECP Inventory of Coal Gasification Plant Waste Sites in Ontario, Vol. I & II, April 1987	Coal Gasification Plant Waste Sites potentially near Phase One Property
MECP Waste Disposal Site Inventory, June 1991	Waste Disposal Sites potentially near Phase One Property
MECP Ontario Inventory of PCB Storage Sites, October 2004	PCB Storage Sites potentially near Phase One Property
MECP on-line Hazardous Waste Information Network (HWIN), Registered Generator List (Accessed January 2024).	Potential list of current hazardous waste generators for the Phase One Property and neighbouring properties
MECP Hazardous Waste Information Systems, Public Information Data Set, 1986 to 2020 (Accessed December 2023)	Potential list of historic hazardous waste generators for the Phase One Property and neighbouring properties
The MECP on-line Brownfields Environmental Site Registry (Accessed January 2024)	A list of sites that have voluntarily filed a Records of Site Condition in the accordance with the Environmental Protection Act
Technical Standards and Safety Authority (TSSA).	Review of computer database for possible storage of fuels on Phase One Property from 1990 to present.
City of Mississauga Official Plan Obtained from https://www.mississauga.ca/wp-content/uploads/2023/09/Mississauga-Official-Plan_Sched-3-NaturalSytm_V-20.003.pdf	Environmentally sensitive areas identified by the City of Mississauga
MECP Freedom of Information Request	Records from public sector institutions for parameters including environmental concerns, orders, spills, investigations/prosecutions, and waste generation

NOTE: The available historical coverage (i.e. city directories, fire insurance plans and aerial photographs) is not a continuous record. It is possible that features of interest may have appeared and disappeared between coverage dates, or in some cases may have predated available coverage. In addition, aerial photograph quality is variable and in some instances site features are difficult to identify or their purpose may be difficult to establish.

APPENDIX E

SITE PHOTOGRAPHS

	
Photo 1: View of a portion of the Phase One Property, looking west.	**Photo 2: View of a portion of the Phase One Property, looking northeast.**
	
Photo 3: View of a portion of the Phase One Property, looking south.	**Photo 4: View of a portion of the Phase One Property, looking southeast.**

	
Photo 5: View of a portion of the Phase One Property, looking north.	**Photo 6: View of a portion of the Phase One Property, looking south.**
	
Photo 6: View of a portion of the Phase One Property, looking northwest.	**View of a portion of the adjacent parkland, located to the north of the Phase One Property, looking southeast.**

Photo 9: View of a portion of the adjacent parkland (see arrow), located to the north of the Phase One Property, looking southwest.

Photo 10: View of a portion of an adjacent single-family residential dwelling (see arrow), located to the east of the Phase One Property, looking northwest.

Photo 11: View of portions of the adjacent single-family residential dwellings (see arrows), located to the south of the Phase One Property, looking northeast.

Photo 12: Photo 8: View of portions of the adjacent single-family residential dwellings (see arrows), located to the west of the Phase One Property, looking southeast.

APPENDIX F

ERIS REPORT

DATABASE REPORT

Project Property:	*2620 Chalkwell Close, Mississauga* *2620 Chalkwell Close* *Mississauga ON L5J 2B9*
Project No:	*11644*
Report Type:	*RSC Report (Urban)*
Order No:	*23121200104*
Requested by:	*S2S Environmental Inc.*
Date Completed:	*December 19, 2023*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*2620 Chalkwell Close, Mississauga* *2620 Chalkwell Close Mississauga ON L5J 2B9*
Project No:	*11644*

Order Information:

Order No:	*23121200104*
Date Requested:	*December 12, 2023*
Requested by:	*S2S Environmental Inc.*
Report Type:	*RSC Report (Urban)*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*
Topographic Map	*RSC Maps*

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	1	1
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	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	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	0	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	2	2	4
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	8	8
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	5	5
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	0	8	8
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	22	4	26

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
Total:			25	35	60

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		2620 Chalkwell Close Mississauga ON	E/0.0	-0.11	24
1	WWIS		ON ***Well ID:*** 7312818	E/0.0	-0.11	24
1	GEN	Peel District School Board Human Resources Support Services	2620 Chalkwell Close Mississauga ON L5J 2B9	E/0.0	-0.11	25
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7335217	E/0.0	-0.11	25
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7335218	E/0.0	-0.11	29
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334727	E/0.0	-0.11	33
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334728	E/0.0	-0.11	37
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334729	E/0.0	-0.11	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334730	E/0.0	-0.11	44
1	WWIS		2620 Chalkwell Close Mississaga ON ***Well ID:*** 7334811	E/0.0	-0.11	47
1	WWIS		2620 chalkwell close Mississauga ON ***Well ID:*** 7345911	E/0.0	-0.11	50
1	WWIS		2620 chalkwell close Mississauga ON ***Well ID:*** 7345912	E/0.0	-0.11	52
1	WWIS		2620 chalkwell close Mississauga ON ***Well ID:*** 7345913	E/0.0	-0.11	54
1	WWIS		2620 chalkwell close Mississauga ON ***Well ID:*** 7345914	E/0.0	-0.11	56
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7348295	E/0.0	-0.11	57
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7343238	E/0.0	-0.11	60
1	WWIS		2620 Chalkwell Close Mississagua ON ***Well ID:*** 7343239	E/0.0	-0.11	63
1	WWIS		2620 Chalkwell Close Mississagua ON	E/0.0	-0.11	66

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
			Well ID: 7343240			
1	WWIS		2620 Chalkwell Close Mississauga ON ***Well ID:*** 7343241	E/0.0	-0.11	69
1	GEN	Budget Environmental Disposal Inc. Budget Demolition	2620 Chalkwell Close Mississauga ON L5J 2B9	E/0.0	-0.11	72
1	WWIS		ON ***Well ID:*** 7400289	E/0.0	-0.11	73
1	WWIS		ON ***Well ID:*** 7400291	E/0.0	-0.11	74
1	WWIS		ON ***Well ID:*** 7400292	E/0.0	-0.11	75
1	WWIS		ON ***Well ID:*** 7400293	E/0.0	-0.11	75
1	WWIS		ON ***Well ID:*** 7409409	E/0.0	-0.11	76

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		ON **Well ID:** 7400290	ENE/0.9	-1.11	77
3	PINC		1502 Karenza Road, Mississauga ON	NNE/29.1	-1.11	78
4	SPL	Enbridge Gas Distribution Inc.	1502 Karenza Road Mississauga ON L5J 3W4	NNE/29.5	-1.11	78
5	SCT	Luz 2 Print Imaging	2594 Chalkwell Close Mississauga ON L5J 2B9	E/85.6	-1.91	79
6	PES	JAMES MEAGHER, BRANDON MEAGHER O/A THE GUYS...WE DO STUFF	4-1700 SANDGATE CRES MISSISSAUGA ON L5J2E6	W/99.6	2.82	80
6	PES	JAMES MEAGHER, BRANDON MEAGHER O/A THE GUYS...WE DO STUFF	4-1700 SANDGATE CRES MISSISSAUGA ON L5J2E6	W/99.6	2.82	80
7	SPL		2595 Truscott Drive, Mississauga MISSISSAUGA ON	E/127.4	-2.20	80
8	WWIS		2620 CHALKWELL CLOSE MISSISSAUGA ON **Well ID:** 7319595	NNE/139.7	-2.16	81
9	SPL	PRIVATE OWNER	1701 SANDGATE CRES. MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON L5J 2E7	W/155.9	3.83	84
10	WWIS		3 VEY RD ON **Well ID:** 7258640	WNW/159.9	3.10	85
11	PINC		2723 Truscott Drive, Mississauga ON	SW/163.3	4.55	88

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	INC		2682 BUSHLAND DRIVE, MISSISSAUGA ON L5J 1X9	SSE/170.1	1.89	88
13	SCT	Mimico Glass & Mirror (1991)	1457 Seaview Dr Mississauga ON L5J 1X7	SSE/191.7	0.89	89
13	SCT	Mimico Glass & Mirror (1991) Inc.	1457 Seaview Dr Mississauga ON L5J 1X7	SSE/191.7	0.89	89
14	PINC	ENBRIDGE GAS INC	2730 TRUSCOTT DR,,MISSISSAUGA,ON, L5J 2B7,CA ON	SW/191.7	4.37	89
14	SPL		2730 Truscott Dr, Mississauga ON MISSISSAUGA ON	SW/191.7	4.37	90
15	SPL	Regional Municipality of Peel	Benedet and Birch Cres Mississauga ON	NW/207.0	1.16	91
16	GEN	PEEL, REGIONAL MUNICIPALITY OF	1796 SANDGATE DRIVE CLARKSON ON L5J 2E8	WSW/213.6	6.50	92
17	PINC	PIPELINE HIT - 1/2"	2611 BENEDET DR,,MISSISSAUGA,ON, L5J 4H6,CA ON	WNW/229.3	4.37	92
18	SPL	Enbridge Gas Distribution Inc.	2611 Benedet Dr Mississauga ON	WNW/234.0	4.33	92
19	SCT	CARS - (CAR Systems Inc.)	2621 Benedet Dr Mississauga ON L5J 4H6	WNW/234.3	4.85	93
19	HINC		2621 BENEDET DRIVE MISSISSAUGA ON L5J 4H6	WNW/234.3	4.85	93
20	ECA	731226 Ontario Limited	7645 Poplar Sideroad Lot 39, Conc. 9 Clearview ON L9Y 3Z7	NNW/236.3	0.78	94
21	GEN	Woodhouse Contracting Limited	2619 Constable Road Mississauga ON L5J 1W3	ESE/244.8	-1.39	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	SPL	PRIVATE RESIDENCE	1511 SANDGATE CRESCENT (N.O.S.) MISSISSAUGA CITY ON L5J 2E3	NNE/248.2	-3.36	94
23	PES	SPIDERMAN PEST CONTROL OPERATION	1466 SEAVIEW DR MISSISSAUGA ON L5J 1X5	SSE/252.8	0.89	95
24	SPL	Enersource Hydro Mississauga Inc.	1472 Seaview Dr Mississauga ON L5J 1X7	SSE/262.1	0.89	96
25	WWIS		2460 SOUTH SHERIDAN WAT Mississauga ON ***Well ID:*** 7118600	N/280.6	-0.11	96
26	PES	CONTINENTAL LANDSCAPING LTD	1429 SANDGATE CRES MISSISSAUGA ON L5J2E3	ENE/286.8	-6.06	102
26	PES	CONTINENTAL LANDSCAPING LTD	1429 SANDGATE CRES MISSISSAUGA ON L5J2E3	ENE/286.8	-6.06	103
27	PES	CONTINENTAL LANDSCAPING LTD.	1429 SANDGATE CRESCENT MISSISSAUGA ON L5J 2E3	ENE/287.4	-6.06	103
27	PES	CONTINENTAL LANDSCAPING LTD.	1429 SANDGATE CRESCENT MISSISSAUGA ON L5J 2E3	ENE/287.4	-6.06	104
27	PES	CONTINENTAL LANDSCAPING LTD	1429 SANDGATE CRES MISSISSAUGA ON L5J 2E3	ENE/287.4	-6.06	104
28	ANDR	Benedet Dr Fill Dump 1965	Mississauga ON L5J 4H7	WNW/290.6	5.89	104
29	PINC	PIPELINE HIT - 1/2"	1496 SEAVIEW DR,,MISSISSAUGA,ON, L5J 1X5,CA ON	SSE/297.2	1.76	105

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Benedet Dr Fill Dump 1965	Mississauga ON L5J 4H7	290.6	28

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Oct 31, 2023 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
731226 Ontario Limited	7645 Poplar Sideroad Lot 39, Conc. 9 Clearview ON L9Y 3Z7	236.3	20

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Sep 30, 2023 has found that there are 1 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2620 Chalkwell Close Mississauga ON	0.0	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 4 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Peel District School Board Human Resources Support Services	2620 Chalkwell Close Mississauga ON L5J 2B9	0.0	1

Site	Address	Distance (m)	Map Key
Budget Environmental Disposal Inc. Budget Demolition	2620 Chalkwell Close Mississauga ON L5J 2B9	0.0	1
PEEL, REGIONAL MUNICIPALITY OF	1796 SANDGATE DRIVE CLARKSON ON L5J 2E8	213.6	16
Woodhouse Contracting Limited	2619 Constable Road Mississauga ON L5J 1W3	244.8	21

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2621 BENEDET DRIVE MISSISSAUGA ON L5J 4H6	234.3	19

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2682 BUSHLAND DRIVE, MISSISSAUGA ON L5J 1X9	170.1	12

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Oct 31, 2023 has found that there are 8 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
JAMES MEAGHER, BRANDON MEAGHER O/A THE GUYS...WE DO STUFF	4-1700 SANDGATE CRES MISSISSAUGA ON L5J2E6	99.6	6

Site	Address	Distance (m)	Map Key
JAMES MEAGHER, BRANDON MEAGHER O/A THE GUYS...WE DO STUFF	4-1700 SANDGATE CRES MISSISSAUGA ON L5J2E6	99.6	6
SPIDERMAN PEST CONTROL OPERATION	1466 SEAVIEW DR MISSISSAUGA ON L5J 1X5	252.8	23
CONTINENTAL LANDSCAPING LTD	1429 SANDGATE CRES MISSISSAUGA ON L5J2E3	286.8	26
CONTINENTAL LANDSCAPING LTD	1429 SANDGATE CRES MISSISSAUGA ON L5J2E3	286.8	26
CONTINENTAL LANDSCAPING LTD	1429 SANDGATE CRES MISSISSAUGA ON L5J 2E3	287.4	27
CONTINENTAL LANDSCAPING LTD.	1429 SANDGATE CRESCENT MISSISSAUGA ON L5J 2E3	287.4	27
CONTINENTAL LANDSCAPING LTD.	1429 SANDGATE CRESCENT MISSISSAUGA ON L5J 2E3	287.4	27

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 5 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1502 Karenza Road, Mississauga ON	29.1	3
	2723 Truscott Drive, Mississauga ON	163.3	11

Site	Address	Distance (m)	Map Key
ENBRIDGE GAS INC	2730 TRUSCOTT DR,,MISSISSAUGA,ON, L5J 2B7,CA ON	191.7	14
PIPELINE HIT - 1/2"	2611 BENEDET DR,,MISSISSAUGA,ON,L5J 4H6,CA ON	229.3	17
PIPELINE HIT - 1/2"	1496 SEAVIEW DR,,MISSISSAUGA,ON,L5J 1X5,CA ON	297.2	29

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Luz 2 Print Imaging	2594 Chalkwell Close Mississauga ON L5J 2B9	85.6	5
Mimico Glass & Mirror (1991)	1457 Seaview Dr Mississauga ON L5J 1X7	191.7	13
Mimico Glass & Mirror (1991) Inc.	1457 Seaview Dr Mississauga ON L5J 1X7	191.7	13
CARS - (CAR Systems Inc.)	2621 Benedet Dr Mississauga ON L5J 4H6	234.3	19

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2021; see description has found that there are 8 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	1502 Karenza Road Mississauga ON L5J 3W4	29.5	4

Site	Address	Distance (m)	Map Key
	2595 Truscott Drive, Mississauga MISSISSAUGA ON	127.4	7
PRIVATE OWNER	1701 SANDGATE CRES. MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON L5J 2E7	155.9	9
	2730 Truscott Dr, Mississauga ON MISSISSAUGA ON	191.7	14
Regional Municipality of Peel	Benedet and Birch Cres Mississauga ON	207.0	15
Enbridge Gas Distribution Inc.	2611 Benedet Dr Mississauga ON	234.0	18
PRIVATE RESIDENCE	1511 SANDGATE CRESCENT (N.O.S.) MISSISSAUGA CITY ON L5J 2E3	248.2	22
Enersource Hydro Mississauga Inc.	1472 Seaview Dr Mississauga ON L5J 1X7	262.1	24

WWIS - Water Well Information System

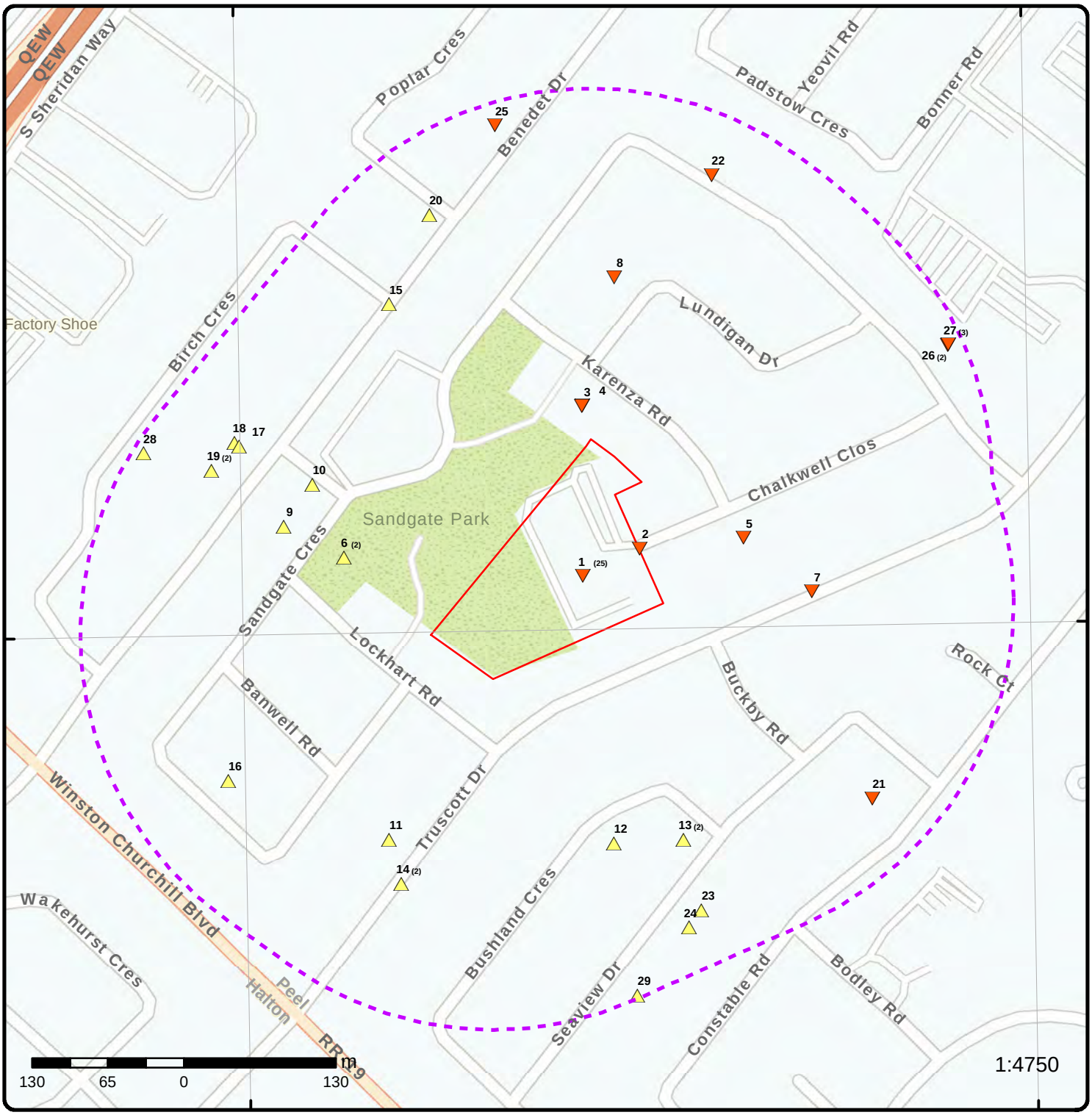
A search of the WWIS database, dated Mar 31 2023 has found that there are 26 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 7312818	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7335218	0.0	1
	2620 Chalkwell Close Mississauga ON	0.0	1

Site	Address	Distance (m)	Map Key
	Well ID: 7334727		
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334728	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334729	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7334730	0.0	1
	2620 Chalkwell Close Mississaga ON ***Well ID:*** 7334811	0.0	1
	2620 chalkwell close Mississauga ON ***Well ID:*** 7345911	0.0	1
	2620 chalkwell close Mississauga ON ***Well ID:*** 7345912	0.0	1
	2620 chalkwell close Mississauga ON ***Well ID:*** 7345913	0.0	1
	2620 chalkwell close Mississauga ON ***Well ID:*** 7345914	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7348295	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7343238	0.0	1
	2620 Chalkwell Close Mississagua ON ***Well ID:*** 7343239	0.0	1

Site	Address	Distance (m)	Map Key
	2620 Chalkwell Close Mississagua ON ***Well ID:*** 7343240	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7343241	0.0	1
	ON ***Well ID:*** 7400289	0.0	1
	ON ***Well ID:*** 7400291	0.0	1
	ON ***Well ID:*** 7400292	0.0	1
	ON ***Well ID:*** 7400293	0.0	1
	ON ***Well ID:*** 7409409	0.0	1
	2620 Chalkwell Close Mississauga ON ***Well ID:*** 7335217	0.0	1
	ON ***Well ID:*** 7400290	0.9	2
	2620 CHALKWELL CLOSE MISSISSAUGA ON ***Well ID:*** 7319595	139.7	8
	3 VEY RD ON ***Well ID:*** 7258640	159.9	10
	2460 SOUTH SHERIDAN WAT Mississauga ON	280.6	25

Site	Address	Distance (m)	Map Key
	Well ID: 7118600		



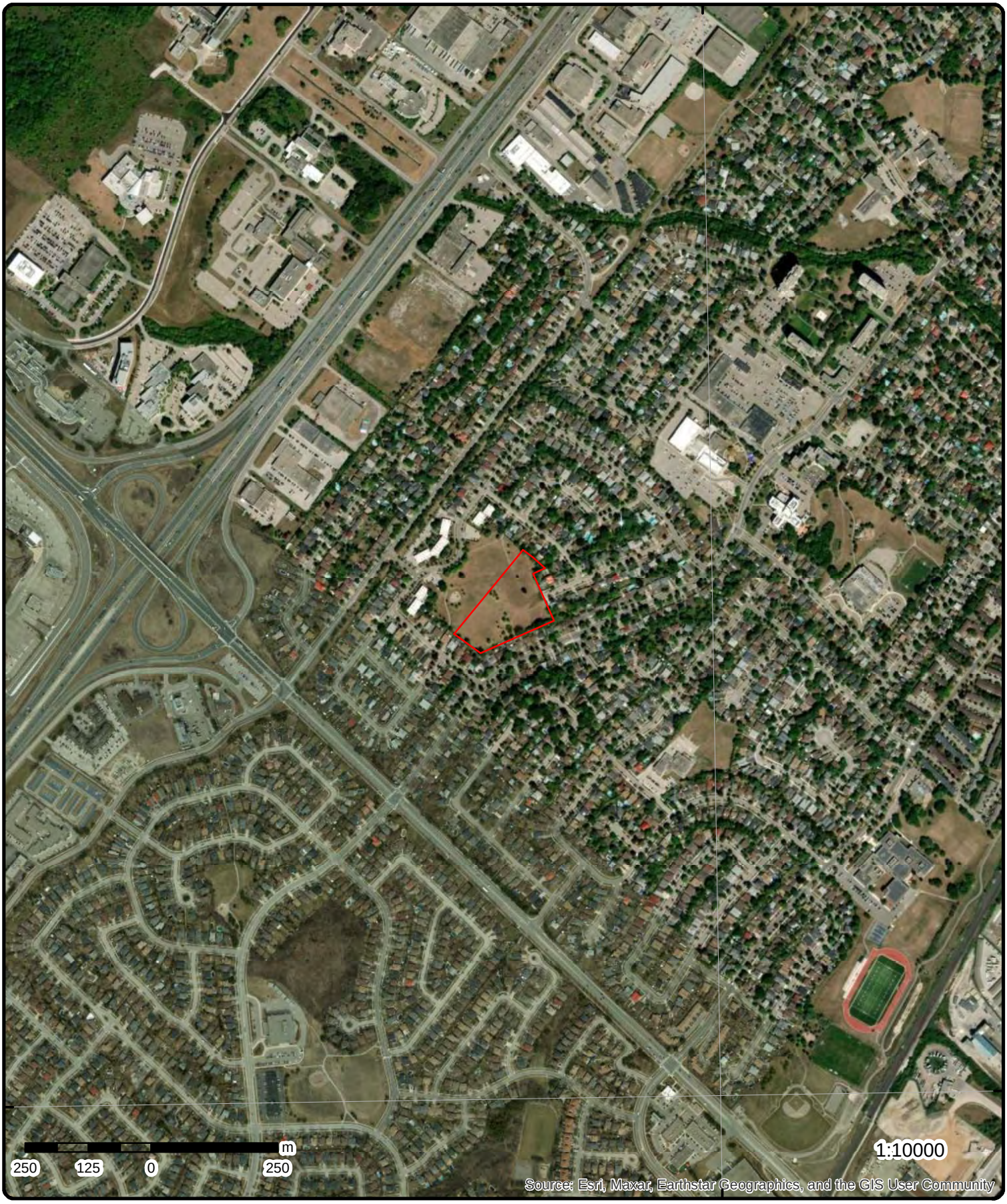
Map: 0.3 Kilometer Radius

Order Number: 23121200104

Address: 2620 Chalkwell Close, Mississauga, ON

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

79°39'W



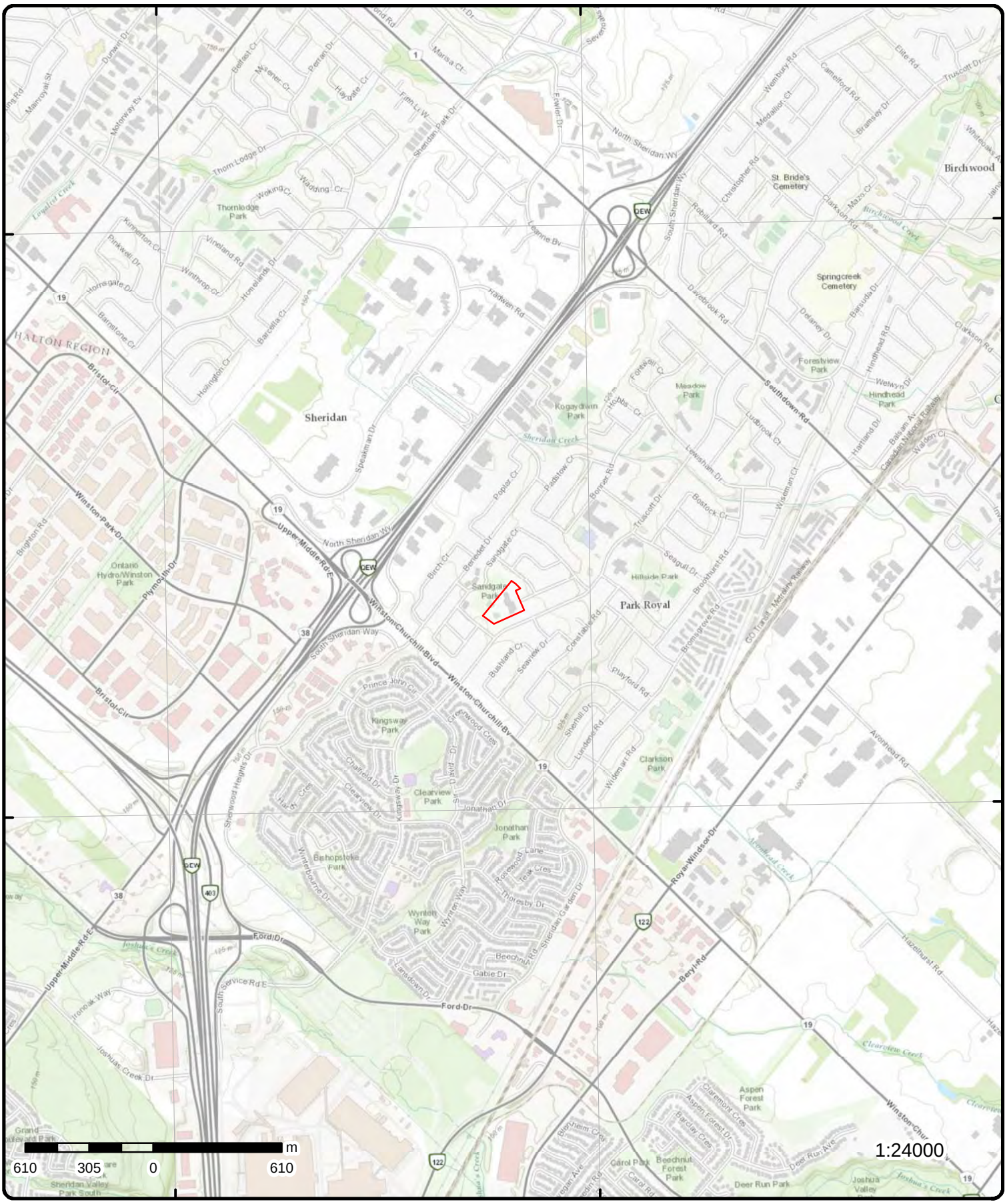
43°30'N

Aerial **Year: 2022**

Order Number: 23121200104

Address: 2620 Chalkwell Close, Mississauga, ON

Source: ESRI World Imagery



Topographic Map

Address: 2620 Chalkwell Close, ON

Source: ESRI World Topographic Map

Order Number: 23121200104

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 25	E/0.0	130.8 / -0.11	2620 Chalkwell Close Mississauga ON	EHS

Order No:	20180307164	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	14-MAR-18	**Search Radius (km):**	.25
Date Received:	07-MAR-18	**X:**	-79.65505
Previous Site Name:		**Y:**	43.508705
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Topographic Maps		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 25	E/0.0	130.8 / -0.11	ON	WWIS

Well ID:	7312818	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	06/19/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C40530	**Contractor:**	7147
Tag:	A223509	**Form Version:**	8
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	05/11/2018
Year Completed:	2018
Depth (m):	
Latitude:	43.5087814849705
Longitude:	-79.6544358521737
Path:	

Bore Hole Information

Bore Hole ID:	1007108110	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

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

Code OB:		**East83:**	608766.00
Code OB Desc:		**North83:**	4818196.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05/11/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1007108110	**Tag No:**	A223509
Depth M:		**Contractor:**	7147
Year Completed:	2018	**Latitude:**	43.5087814849705
Well Completed Dt:	05/11/2018	**Longitude:**	-79.6544358521737
Audit No:	C40530	**Y:**	43.508781482747374
Path:		**X:**	-79.65443570223245

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 25	E/0.0	130.8 / -0.11	**Peel District School Board Human Resources Support Services** **2620 Chalkwell Close** **Mississauga ON L5J 2B9**	GEN

Generator No:	ON3364142
SIC Code:	
SIC Description:	
Approval Years:	As of Oct 2019
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	251 L
Waste Class Name:	Waste oils/sludges (petroleum based)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 25	E/0.0	130.8 / -0.11	**2620 Chalkwell Close** **Mississauga ON**	WWIS

Well ID:	7335217	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	03/08/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z298222	**Contractor:**	7241
Tag:	A261137	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	

Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7335217.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/11/2018
Year Completed:	2018
Depth (m):	5.6135016
Latitude:	43.5089096935754
Longitude:	-79.6546185699156
Path:	733\7335217.pdf

Bore Hole Information

Bore Hole ID:	1007465012	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608751.00
Code OB Desc:		***North83:***	4818210.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	12/11/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007824688
Layer:	1
Color:	2
General Color:	GREY
Mat1:	27
Most Common Material:	OTHER
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007824690
Layer:	3
Color:	7
General Color:	RED

Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	3.0
Formation End Depth:	5.416999816894531
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007824691
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	5.416999816894531
Formation End Depth:	18.41699981689453
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007824689
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	06
Mat3 Desc:	SILT
Formation Top Depth:	1.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007826233
Layer:	3
Plug From:	4.0
Plug To:	12.416999816894531
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007826234
Layer:	4
Plug From:	12.416999816894531
Plug To:	18.41699981689453
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007826232
Layer:	2
Plug From:	1.0
Plug To:	4.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007826231
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007827724
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	Direct Push

Method of Construction & Well Use

Method Construction ID:	1007827723
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	1007822397
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007828419
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	13.416999816894531
Casing Diameter:	1.3799999952316284
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007829079
Layer:	1
Slot:	10
Screen Top Depth:	13.416999816894531
Screen End Depth:	18.41699981689453
Screen Material:	5

Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.659999966621399

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007830010
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007827346
Diameter:	2.875
Depth From:	0.0
Depth To:	5.416999816894531
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007827347
Diameter:	2.25
Depth From:	5.416999816894531
Depth To:	18.41699981689453
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007465012	**Tag No:**	A261137
Depth M:	5.6135016	**Contractor:**	7241
Year Completed:	2018	**Latitude:**	43.5089096935754
Well Completed Dt:	12/11/2018	**Longitude:**	-79.6546185699156
Audit No:	Z298222	**Y:**	43.508909691311004
Path:	733\7335217.pdf	**X:**	-79.65461842039015

1 ***5 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***2620 Chalkwell Close Mississauga ON*** ***WWIS***

Well ID:	7335218	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Municipal	**Data Entry Status:**	
Use 2nd:	Monitoring	**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	03/08/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	

Audit No:	Z298221	**Contractor:**	7241
Tag:	A257372	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: MISSISSAUGA CITY
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7335218.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/12/2018
Year Completed: 2018
Depth (m): 4.572
Latitude: 43.5089697948746
Longitude: -79.6543698127509
Path: 733\7335218.pdf

Bore Hole Information

Bore Hole ID:	1007465055	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608771.00
Code OB Desc:		**North83:**	4818217.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/12/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1007824692
Layer: 1
Color: 2
General Color: GREY
Mat1: 27
Most Common Material: OTHER
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	1007824693
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	7.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007824694
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	06
Mat3 Desc:	SILT
Formation Top Depth:	1.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007824695
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	3.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007826235
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007826236
Layer: 2
Plug From: 1.0
Plug To: 4.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007826237
Layer: 3
Plug From: 4.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007826238
Layer: 4
Plug From: 9.0
Plug To: 15.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007827727
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Method of Construction & Well Use

Method Construction ID: 1007827728
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: Direct Push

Pipe Information

Pipe ID: 1007822398
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007828424
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 1.3799999952316284
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	1007829080
Layer:	1
Slot:	10
Screen Top Depth:	10.0
Screen End Depth:	15.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.659999966621399

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007830013
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007827348
Diameter:	2.875
Depth From:	0.0
Depth To:	7.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007827349
Diameter:	2.25
Depth From:	7.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007465055	**Tag No:**	A257372
Depth M:	4.572	**Contractor:**	7241
Year Completed:	2018	**Latitude:**	43.5089697948746
Well Completed Dt:	12/12/2018	**Longitude:**	-79.6543698127509
Audit No:	Z298221	**Y:**	43.508969792549216
Path:	733\7335218.pdf	**X:**	-79.65436966348709

1	***6 of 25***	***E/0.0***	***130.8 / -0.11***	***2620 Chalkwell Close Mississauga ON***	***WWIS***

Well ID:	7334727	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Monitoring and Test Hole	***Date Received:***	03/08/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z219695	***Contractor:***	7241
Tag:	A192411	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/28/2018
Year Completed:	2018
Depth (m):	6.096
Latitude:	43.5087151239055
Longitude:	-79.6541527924956
Path:	

Bore Hole Information

Bore Hole ID:	1007449913	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608789.00
Code OB Desc:		***North83:***	4818189.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/28/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007811652
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	66

Mat3 Desc: DENSE
Formation Top Depth: 2.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007811653
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 10.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007811651
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812837
Layer: 2
Plug From: 1.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812838
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812836
Layer: 1

Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007813726
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: Auger

Pipe Information

Pipe ID: 1007810173
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007814117
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007814494
Layer: 1
Slot: 10
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0999999046325684

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1007815040
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID:	1007813347
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007449913	***Tag No:***	A192411
Depth M:	6.096	***Contractor:***	7241
Year Completed:	2018	***Latitude:***	43.5087151239055
Well Completed Dt:	11/28/2018	***Longitude:***	-79.6541527924956
Audit No:	Z219695	***Y:***	43.50871512148717
Path:	733\7334727.pdf	***X:***	-79.65415264228395

---

1 ***7 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***2620 Chalkwell Close Mississauga ON*** ***WWIS***

Well ID:	7334728	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Monitoring and Test Hole	***Date Received:***	03/08/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z219694	***Contractor:***	7241
Tag:	A192409	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/28/2018
Year Completed:	2018
Depth (m):	6.096
Latitude:	43.5087782820933
Longitude:	-79.6541637600019
Path:	

Bore Hole Information

Bore Hole ID:	1007449916	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608788.00
Code OB Desc:		***North83:***	4818196.00

Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/28/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007811655
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	2.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007811656
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	9.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007811654
Layer:	1
Color:	2
General Color:	GREY
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007812839
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007812840
Layer:	2
Plug From:	1.0
Plug To:	9.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007812841
Layer:	3
Plug From:	9.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007813728
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	Auger

Pipe Information

Pipe ID:	1007810174
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007814119
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	10.0
Casing Diameter:	2.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007814495
Layer:	1
Slot:	10
Screen Top Depth:	10.0

Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0999999046325684

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007815042
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007813348
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007449916	**Tag No:**	A192409
Depth M:	6.096	**Contractor:**	7241
Year Completed:	2018	**Latitude:**	43.5087782820933
Well Completed Dt:	11/28/2018	**Longitude:**	-79.6541637600019
Audit No:	Z219694	**Y:**	43.50877827986281
Path:		**X:**	-79.65416361070453

1 ***8 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***2620 Chalkwell Close Mississauga ON*** ***WWIS***

Well ID:	7334729	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	03/08/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z219700	**Contractor:**	7241
Tag:	A192413	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	

Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/29/2018
Year Completed:	2018
Depth (m):	6.096
Latitude:	43.5089493162552
Longitude:	-79.6541599591489
Path:	

Bore Hole Information

Bore Hole ID:	1007449919	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608788.00
Code OB Desc:		**North83:**	4818215.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/29/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007811658
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	2.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007811659
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE

Mat2:
Mat2 Desc:
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 9.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007811657
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812842
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812844
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812843
Layer: 2
Plug From: 1.0
Plug To: 9.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007813729
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: Auger

Pipe Information

Pipe ID: 1007810175
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007814120
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007814496
Layer: 1
Slot: 10
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0999999046325684

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1007815043
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1007813349
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Links

Bore Hole ID: 1007449919 ***Tag No:*** A192413

Depth M:	6.096	**Contractor:**	7241
Year Completed:	2018	**Latitude:**	43.5089493162552
Well Completed Dt:	11/29/2018	**Longitude:**	-79.6541599591489
Audit No:	Z219700	**Y:**	43.50894931337492
Path:		**X:**	-79.6541598090204

1 | **9 of 25** | **E/0.0** | **130.8 / -0.11** | **2620 Chalkwell Close Mississauga ON** | **WWIS**

Well ID:	7334730	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	03/08/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z219697	**Contractor:**	7241
Tag:	A192424	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/29/2018
Year Completed:	2018
Depth (m):	6.096
Latitude:	43.5089872161477
Longitude:	-79.6543199412468
Path:	

Bore Hole Information

Bore Hole ID:	1007449922	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608775.00
Code OB Desc:		**North83:**	4818219.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/29/2018	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 1007811661
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 2.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007811662
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 9.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007811660
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812845
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812846

Layer: 2
Plug From: 1.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007812847
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007813731
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: Auger

Pipe Information

Pipe ID: 1007810176
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007814122
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007814497
Layer: 1
Slot: 10
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0999999046325684

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1007815046
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:

Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007813350
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007449922	**Tag No:**	A192424
Depth M:	6.096	**Contractor:**	7241
Year Completed:	2018	**Latitude:**	43.5089872161477
Well Completed Dt:	11/29/2018	**Longitude:**	-79.6543199412468
Audit No:	Z219697	**Y:**	43.50898721348053
Path:	733\7334730.pdf	**X:**	-79.65431979173177

---

1 | ***10 of 25*** | ***E/0.0*** | ***130.8 / -0.11*** | ***2620 Chalkwell Close Mississaga ON*** | ***WWIS***

Well ID:	7334811	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	03/08/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z302876	**Contractor:**	7241
Tag:	A261127	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7334811.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/02/2019
Year Completed:	2019
Depth (m):	4.1148
Latitude:	43.5090554448965

Longitude: -79.6539967761358
Path: 733\7334811.pdf

Bore Hole Information

Bore Hole ID:	1007465936	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608801.00
Code OB Desc:		**North83:**	4818227.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	01/02/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1007824607
Layer: 1
Color: 2
General Color: GREY
Mat1: 27
Most Common Material: OTHER
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007824609
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 5.0
Formation End Depth: 13.5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007824608
Layer: 2
Color: 7

General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	1.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007826152
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007827671
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	Direct Push

Pipe Information

Pipe ID:	1007822369
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007828363
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	8.5
Casing Diameter:	1.3799999952316284
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007829050
Layer:	1
Slot:	10
Screen Top Depth:	8.5
Screen End Depth:	13.5
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.659999966621399

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007829915
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007827313
Diameter:	2.375
Depth From:	5.0
Depth To:	13.5
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007827312
Diameter:	2.115000009536743
Depth From:	0.0
Depth To:	5.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007465936	**Tag No:**	A261127
Depth M:	4.1148	**Contractor:**	7241
Year Completed:	2019	**Latitude:**	43.5090554448965
Well Completed Dt:	01/02/2019	**Longitude:**	-79.6539967761358
Audit No:	Z302876	**Y:**	43.509055442312444
Path:	733\7334811.pdf	**X:**	-79.65399662649835

1 | ***11 of 25*** | ***E/0.0*** | ***130.8 / -0.11*** | ***2620 chalkwell close Mississauga ON*** | ***WWIS***

Well ID:	7345911	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	10/30/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z323489	**Contractor:**	7241
Tag:	A277172	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MISSISSAUGA CITY
Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 09/12/2019
Year Completed: 2019
Depth (m):
Latitude: 43.5088784666334
Longitude: -79.6542605022765
Path:

Bore Hole Information

Bore Hole ID: 1007696370
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/12/2019
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608780.00
North83: 4818207.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1007891010
Layer: 2
Plug From: 1.0
Plug To: 12.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007891009
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007892203
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID:	1007888493
Casing No:	0
Comment:	
Alt Name:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007893910
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Links

Bore Hole ID:	1007696370	***Tag No:***	A277172
Depth M:		***Contractor:***	7241
Year Completed:	2019	***Latitude:***	43.5088784666334
Well Completed Dt:	09/12/2019	***Longitude:***	-79.6542605022765
Audit No:	Z323489	***Y:***	43.508878464655446
Path:		***X:***	-79.65426035203453

---

1 | ***12 of 25*** | ***E/0.0*** | ***130.8 / -0.11*** | ***2620 chalkwell close Mississauga ON*** | ***WWIS***

Well ID:	7345912	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Monitoring and Test Hole	***Date Received:***	10/30/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z323487	***Contractor:***	7241
Tag:	A277169	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 09/12/2019
Year Completed: 2019
Depth (m):
Latitude: 43.5089327686008
Longitude: -79.6542840378069
Path:

Bore Hole Information

Bore Hole ID: 1007696373
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/12/2019
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608778.00
North83: 4818213.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1007891012
Layer: 2
Plug From: 1.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007891011
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007892204
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007888494
Casing No: 0
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007893911
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Links

Bore Hole ID:	1007696373	***Tag No:***	A277169
Depth M:		***Contractor:***	7241
Year Completed:	2019	***Latitude:***	43.5089327686008
Well Completed Dt:	09/12/2019	***Longitude:***	-79.6542840378069
Audit No:	Z323487	***Y:***	43.508932766773675
Path:		***X:***	-79.65428388878102

---

1 ***13 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***2620 chalkwell close Mississauga ON*** ***WWIS***

Well ID:	7345913	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Monitoring and Test Hole	***Date Received:***	10/30/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z323490	***Contractor:***	7241
Tag:	A277171	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	09/12/2019
Year Completed:	2019
Depth (m):	
Latitude:	43.5088800680408

Longitude: -79.6543965485873
Path:

Bore Hole Information

Bore Hole ID:	1007696376	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608769.00
Code OB Desc:		***North83:***	4818207.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	09/12/2019	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Method of Construction & Well Use

Method Construction ID: 1007892206
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007888495
Casing No: 0
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1007893912
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Links

Bore Hole ID:	1007696376	***Tag No:***	A277171
Depth M:		***Contractor:***	7241
Year Completed:	2019	***Latitude:***	43.5088800680408

Well Completed Dt:	09/12/2019	**Longitude:**	-79.6543965485873
Audit No:	Z323490	**Y:**	43.50888006544357
Path:		**X:**	-79.65439639914595

1 | **14 of 25** | **E/0.0** | **130.8 / -0.11** | **2620 chalkwell close Mississauga ON** | **WWIS**

Well ID:	7345914	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	10/30/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z323421	**Contractor:**	7241
Tag:	A277170	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: MISSISSAUGA CITY
Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 09/12/2019
Year Completed: 2019
Depth (m):
Latitude: 43.5087990518506
Longitude: -79.6543983486747
Path:

Bore Hole Information

Bore Hole ID:	1007696379	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608769.00
Code OB Desc:		**North83:**	4818198.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/12/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1007891013

Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007891014
Layer: 2
Plug From: 1.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007892207
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007888496
Casing No: 0
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1007893913
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Links

Bore Hole ID: 1007696379
Depth M:
Year Completed: 2019
Well Completed Dt: 09/12/2019
Audit No: Z323421
Path:
Tag No: A277170
Contractor: 7241
Latitude: 43.5087990518506
Longitude: -79.6543983486747
Y: 43.50879904967404
X: -79.65439819937632

1	***15 of 25***	***E/0.0***	***130.8 / -0.11***	***2620 Chalkwell Close Mississauga ON***	***WWIS***

Well ID:	7348295	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Monitoring and Test Hole	***Date Received:***	11/27/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z308387	***Contractor:***	7241
Tag:	A283929	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	

Municipality: MISSISSAUGA CITY
Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 10/30/2019
Year Completed: 2019
Depth (m): 3.048
Latitude: 43.5088511700563
Longitude: -79.6542363666865
Path:

Bore Hole Information

Bore Hole ID:	1007730538	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608782.00
Code OB Desc:		***North83:***	4818204.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/30/2019	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1007906403
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 01

Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007907617
Layer: 1
Plug From: 0.0
Plug To: 4.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007907618
Layer: 2
Plug From: 4.0
Plug To: 10.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007908680
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007904772
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007909316
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 5.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007909714
Layer: 1
Slot: 10
Screen Top Depth: 5.0
Screen End Depth: 10.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007910391
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007908326
Diameter:	6.0
Depth From:	0.0
Depth To:	10.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007730538	***Tag No:***	A283929
Depth M:	3.048	***Contractor:***	7241
Year Completed:	2019	***Latitude:***	43.5088511700563
Well Completed Dt:	10/30/2019	***Longitude:***	-79.6542363666865
Audit No:	Z308387	***Y:***	43.50885116731139
Path:		***X:***	-79.65423621700786

---

1 | ***16 of 25*** | ***E/0.0*** | ***130.8 / -0.11*** | ***2620 Chalkwell Close Mississauga ON*** | ***WWIS***

Well ID:	7343238	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	09/06/2019
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z319242	***Contractor:***	7241
Tag:	A277169	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 08/16/2019
Year Completed: 2019
Depth (m): 6.096
Latitude: 43.508590700253
Longitude: -79.6542916387743
Path:

Bore Hole Information

Bore Hole ID: 1007661111
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/16/2019
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608778.00
North83: 4818175.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007846782
Layer: 1
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007846783
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0

Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848264
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848265
Layer: 2
Plug From: 1.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848266
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007849762
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1007845125
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007850416
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007850872

Layer:	1
Slot:	10
Screen Top Depth:	10.0
Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007851825
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007849130
Diameter:	3.5
Depth From:	5.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007849129
Diameter:	5.0
Depth From:	0.0
Depth To:	5.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007661111	**Tag No:**	A277169
Depth M:	6.096	**Contractor:**	7241
Year Completed:	2019	**Latitude:**	43.508590700253
Well Completed Dt:	08/16/2019	**Longitude:**	-79.6542916387743
Audit No:	Z319242	**Y:**	43.508590697867916
Path:		**X:**	-79.6542914894543

1 ***17 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***2620 Chalkwell Close Mississagua ON*** ***WWIS***

Well ID:	7343239	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	

Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	09/06/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z319241	**Contractor:**	7241
Tag:	A277170	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	08/16/2019
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.5087720464536
Longitude:	-79.6543989487021
Path:	

Bore Hole Information

Bore Hole ID:	1007661114	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608769.00
Code OB Desc:		**North83:**	4818195.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	08/16/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007846784
Layer:	1
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0

Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848267
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848268
Layer: 2
Plug From: 1.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848269
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007849763
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1007845126
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007850417
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007850873

Layer:	1
Slot:	10
Screen Top Depth:	10.0
Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007851826
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007849132
Diameter:	3.5
Depth From:	5.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007849131
Diameter:	5.0
Depth From:	0.0
Depth To:	5.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007661114	**Tag No:**	A277170
Depth M:	6.096	**Contractor:**	7241
Year Completed:	2019	**Latitude:**	43.5087720464536
Well Completed Dt:	08/16/2019	**Longitude:**	-79.6543989487021
Audit No:	Z319241	**Y:**	43.50877204352467
Path:		**X:**	-79.65439879945313

1 | ***18 of 25*** | ***E/0.0*** | ***130.8 / -0.11*** | ***2620 Chalkwell Close Mississagua ON*** | ***WWIS***

Well ID:	7343240	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	

Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	09/06/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z319240	**Contractor:**	7241
Tag:	A277171	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: MISSISSAUGA CITY
Site Info:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 08/16/2019
Year Completed: 2019
Depth (m): 9.7536
Latitude: 43.5086798447003
Longitude: -79.6542154317002
Path:

Bore Hole Information

Bore Hole ID:	1007661117	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608784.00
Code OB Desc:		**North83:**	4818185.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	08/16/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1007846785
Layer: 1
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 32.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848270
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848272
Layer: 3
Plug From: 21.0
Plug To: 32.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848271
Layer: 2
Plug From: 1.0
Plug To: 21.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007849764
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1007845127
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007850418
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 22.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007850874

Layer:	1
Slot:	10
Screen Top Depth:	22.0
Screen End Depth:	32.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007851827
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007849133
Diameter:	5.0
Depth From:	0.0
Depth To:	5.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007849134
Diameter:	3.5
Depth From:	5.0
Depth To:	32.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007661117	**Tag No:**	A277171
Depth M:	9.7536	**Contractor:**	7241
Year Completed:	2019	**Latitude:**	43.5086798447003
Well Completed Dt:	08/16/2019	**Longitude:**	-79.6542154317002
Audit No:	Z319240	**Y:**	43.508679842290114
Path:		**X:**	-79.6542152826902

1 ***19 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***2620 Chalkwell Close Mississauga ON*** ***WWIS***

Well ID:	7343241	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	

Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	09/06/2019
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z319239	**Contractor:**	7241
Tag:	A277172	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	08/16/2019
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.5087790100767
Longitude:	-79.6542255991279
Path:	

Bore Hole Information

Bore Hole ID:	1007661120	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608783.00
Code OB Desc:		**North83:**	4818196.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	08/16/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007846786
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0

Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848274
Layer: 2
Plug From: 1.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848273
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007848275
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007849765
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1007845128
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007850419
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007850875

Layer:	1
Slot:	10
Screen Top Depth:	10.0
Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1007851828
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1007849135
Diameter:	5.0
Depth From:	0.0
Depth To:	5.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1007849136
Diameter:	3.5
Depth From:	5.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Links

Bore Hole ID:	1007661120	**Tag No:**	A277172
Depth M:	6.096	**Contractor:**	7241
Year Completed:	2019	**Latitude:**	43.5087790100767
Well Completed Dt:	08/16/2019	**Longitude:**	-79.6542255991279
Audit No:	Z319239	**Y:**	43.50877900761344
Path:		**X:**	-79.65422544981064

1	***20 of 25***	***E/0.0***	***130.8 / -0.11***	***Budget Environmental Disposal Inc. Budget Demolition*** ***2620 Chalkwell Close*** ***Mississauga ON L5J 2B9***	***GEN***

Generator No:	ON3644860
SIC Code:	
SIC Description:	
Approval Years:	As of Nov 2021
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	221 L
Waste Class Name:	Light fuels
Waste Class:	150 L
Waste Class Name:	Inert organic wastes

---

1 | ***21 of 25*** | ***E/0.0*** | ***130.8 / -0.11*** | ***ON*** | ***WWIS***

Well ID:	7400289	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	10/19/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z362834	**Contractor:**	7221
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008815365	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608760.00
Code OB Desc:		**North83:**	4818208.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/06/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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

Links

Bore Hole ID:	1008815365	***Tag No:***	
Depth M:		***Contractor:***	7221
Year Completed:	2021	***Latitude:***	43.508890379962
Well Completed Dt:	10/06/2021	***Longitude:***	-79.6545076592198
Audit No:	Z362834	***Y:***	43.50889037768796
Path:		***X:***	-79.65450750903226

---

1 ***22 of 25*** ***E/0.0*** ***130.8 / -0.11*** ***ON*** ***WWIS***

Well ID:	7400291	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	Yes
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	10/19/2021
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z362833	***Contractor:***	7221
Tag:	A192414	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MISSISSAUGA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008815373	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608779.00
Code OB Desc:		***North83:***	4818221.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/06/2021	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008815373	***Tag No:***	A192414
Depth M:		***Contractor:***	7221
Year Completed:	2021	***Latitude:***	43.5090046373985
Well Completed Dt:	10/06/2021	***Longitude:***	-79.6542700697144
Audit No:	Z362833	***Y:***	43.50900463440682
Path:		***X:***	-79.65426991997649

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	23 of 25	E/0.0	130.8 / -0.11	ON	WWIS

Well ID:	7400292	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	10/19/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z362830	**Contractor:**	7221
Tag:	A261137	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008815376	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608751.00
Code OB Desc:		**North83:**	4818210.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/06/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008815376	**Tag No:**	A261137
Depth M:		**Contractor:**	7221
Year Completed:	2021	**Latitude:**	43.5089096935754
Well Completed Dt:	10/06/2021	**Longitude:**	-79.6546185699156
Audit No:	Z362830	**Y:**	43.508909691311004
Path:		**X:**	-79.65461842039015

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	24 of 25	E/0.0	130.8 / -0.11	ON	WWIS

Well ID:	7400293	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	10/19/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes

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

Audit No:	Z362831	**Contractor:**	7221
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1008815381	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608748.00
Code OB Desc:		**North83:**	4818205.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/06/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008815381	**Tag No:**	
Depth M:		**Contractor:**	7221
Year Completed:	2021	**Latitude:**	43.508865121224
Well Completed Dt:	10/06/2021	**Longitude:**	-79.6546566733363
Audit No:	Z362831	**Y:**	43.50886511830878
Path:		**X:**	-79.65465652332307

1	***25 of 25***	***E/0.0***	***130.8 / -0.11***	***ON***	***WWIS***

Well ID:	7409409	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	02/02/2022
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z374711	**Contractor:**	7241
Tag:	A341048	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: MISSISSAUGA CITY
Site Info:

Bore Hole Information

Bore Hole ID:	1008972799	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608756.00
Code OB Desc:		**North83:**	4818205.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/22/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Links

Bore Hole ID:	1008972799	**Tag No:**	A341048
Depth M:		**Contractor:**	7241
Year Completed:	2021	**Latitude:**	43.5088639568056
Well Completed Dt:	12/22/2021	**Longitude:**	-79.6545577305776
Audit No:	Z374711	**Y:**	43.50886395469125
Path:		**X:**	-79.65455758111261

---

2 | **1 of 1** | **ENE/0.9** | **129.8 / -1.11** | **ON** | **WWIS**

Well ID:	7400290	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	10/19/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z362832	**Contractor:**	7221
Tag:	A192413	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: MISSISSAUGA CITY
Site Info:

Bore Hole Information

Bore Hole ID:	1008815370	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608788.00
Code OB Desc:		**North83:**	4818215.00

Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/06/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008815370	**Tag No:**	A192413
Depth M:		**Contractor:**	7221
Year Completed:	2021	**Latitude:**	43.5089493162552
Well Completed Dt:	10/06/2021	**Longitude:**	-79.6541599591489
Audit No:	Z362832	**Y:**	43.50894931337492
Path:		**X:**	-79.6541598090204

---

3 | ***1 of 1*** | ***NNE/29.1*** | ***129.8 / -1.11*** | ***1502 Karenza Road, Mississauga ON*** | ***PINC***

Incident Id:	2852184	**Pipe Material:**	Plastic
Incident No:	695288	**Fuel Category:**	Natural Gas
Incident Reported Dt:		**Health Impact:**	No
Type:	FS-Pipeline Incident	**Environment Impact:**	No
Status Code:	Pipeline Damage Reason Est	**Property Damage:**	Yes
Tank Status:	RC Established	**Service Interrupt:**	Yes
Task No:	3630720	**Enforce Policy:**	Yes
Spills Action Centre:	2106-8NVSKR	**Public Relation:**	No
Fuel Type:	Natural Gas	**Pipeline System:**	
Fuel Occurrence Tp:	Pipeline Strike	**PSIG:**	55
Date of Occurrence:	11/23/2011 0:00	**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/11/29	**Regulator Location:**	Outside
Depth:		**Method Details:**	E-mail
Customer Acct Name:			
Incident Address:			
Operation Type:	Construction Site (including excavation)		
Pipeline Type:	Service / Riser Distribution Pipeline		
Regulator Type:	Service Regulator (up to 60 psi intake)		
Summary:	1502 Karenza Road, Mississauga - 1 ½" Pipeline Hit		
Reported By:	John Dineen - Enbridge		
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:	z		

---

4 | ***1 of 1*** | ***NNE/29.5*** | ***129.8 / -1.11*** | ***Enbridge Gas Distribution Inc.*** ***1502 Karenza Road*** ***Mississauga ON L5J 3W4*** | ***SPL***

Ref No:	2106-8NVSKR	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	11/23/2011	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	11/23/2011	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
Facility Name:			
MOE Response:	No Field Response		

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

Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	private residence<UNOFFICIAL>
Site Address:	1502 Karenza Road
Site Region:	
Site Municipality:	Mississauga
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	Discharge or Emission to Air
Incident Event:	
Environment Impact:	Not Anticipated
Nature of Impact:	Air Pollution
Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	Enbridge Gas Distribution Inc.
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Sewage - Municipal/Private and Commercial
Receiving Environment:	
Incident Reason:	Negligence (Apparent) - Caused by lack of diligence
Incident Summary:	TSSA FSB: 50 mm gas line strike; made safe
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Pipeline
SAC Action Class:	TSSA - Fuel Safety Branch
Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 1	E/85.6	129.1 / -1.91	**Luz 2 Print Imaging** **2594 Chalkwell Close** **Mississauga ON L5J 2B9**	SCT

Established:	2005
Plant Size (ft²):	1200
Employment:	

--Details--

Description:	Digital Printing
SIC/NAICS Code:	323115
Description:	Other Printing
SIC/NAICS Code:	323119
Description:	Sign Manufacturing
SIC/NAICS Code:	339950
Description:	Graphic Design Services
SIC/NAICS Code:	541430
Description:	Other Specialized Design Services
SIC/NAICS Code:	541490

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

Description: Business Service Centres
SIC/NAICS Code: 561430

---

6 | **1 of 2** | **W/99.6** | **133.8 / 2.82** | **JAMES MEAGHER, BRANDON MEAGHER O/A THE GUYS...WE DO STUFF**
4-1700 SANDGATE CRES
MISSISSAUGA ON L5J2E6 | **PES**

Detail Licence No:
Licence No: 09671
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Operator
Licence Type Code: 02
Licence Class: 01
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 647
Oper Phone No: 2393772
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

---

6 | **2 of 2** | **W/99.6** | **133.8 / 2.82** | **JAMES MEAGHER, BRANDON MEAGHER O/A THE GUYS...WE DO STUFF**
4-1700 SANDGATE CRES
MISSISSAUGA ON L5J2E6 | **PES**

Detail Licence No:
Licence No: 10054
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Operator
Licence Type Code: 02
Licence Class: 01
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 647
Oper Phone No: 2393772
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

---

7 | **1 of 1** | **E/127.4** | **128.8 / -2.20** | **2595 Truscott Drive, Mississauga**
MISSISSAUGA ON | **SPL**

Ref No: 1-1W243L
Year:
Incident Dt: 7/11/2022 4:54:17 PM
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/2022 4:54:21 PM
Dt Document Closed:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 0 No Impact
Agency Involved:

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

Site No:	
Facility Name:	
MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Halton-Peel District Office
Nearest Watercourse:	
Site Name:	
Site Address:	2595 Truscott Drive, Mississauga
Site Region:	REGIONAL MUNICIPALITY OF PEEL
Site Municipality:	MISSISSAUGA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Event:	
Environment Impact:	1 Minor Impact
Nature of Impact:	
Contaminant Qty:	
System Facility Address:	
Client Name:	
Client Type:	
Call Report Locatn Geodata:	{"integration_ids":["PR00000783985"],"wkts":["POINT (-79.6524253000 43.5087749000)"],"creation_date":"2022-07-11"}
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Receiving Environment:	
Incident Reason:	
Incident Summary:	Alectra: 110L non-PCB transformer spill - Historical
Activity Preceding Spill:	
Property 2nd Watershed:	Lake Ontario and Niagara Peninsula
Property Tertiary Watershed:	02HB-Credit - 16 Mile
Sector Type:	ELECTRIC POWER DISTRIBUTION
SAC Action Class:	
Source Type:	

---

8 **1 of 1** **NNE/139.7** **128.8 / -2.16** **2620 CHALKWELL CLOSE MISSISSAUGA ON** **WWIS**

Well ID:	7319595	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	10/05/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z297164	**Contractor:**	7295
Tag:	A248358	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: MISSISSAUGA CITY
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7319595.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/06/2018
Year Completed: 2018
Depth (m): 9.144
Latitude: 43.5110409360835
Longitude: -79.6543856483549
Path: 731\7319595.pdf

Bore Hole Information

Bore Hole ID: 1007293465
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/06/2018
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608766.00
North83: 4818447.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1007546386
Layer: 1
Color: 6
General Color: BROWN
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007546387
Layer: 2
Color: 7
General Color: RED
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3: 17

Mat3 Desc: SHALE
Formation Top Depth: 5.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007546394
Layer: 1
Plug From: 0.0
Plug To: 19.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007546393
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1007546385
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007546390
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 1.7999999523162842
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007546391
Layer: 1
Slot: 10
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 1007546389
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID:	1007546388
Diameter:	8.0
Depth From:	0.0
Depth To:	30.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1007293465	***Tag No:***	A248358
Depth M:	9.144	***Contractor:***	7295
Year Completed:	2018	***Latitude:***	43.5110409360835
Well Completed Dt:	06/06/2018	***Longitude:***	-79.6543856483549
Audit No:	Z297164	***Y:***	43.51104093360543
Path:	731\7319595.pdf	***X:***	-79.65438549880169

---

9 ***1 of 1*** ***W/155.9*** ***134.8 / 3.83*** ***PRIVATE OWNER 1701 SANDGATE CRES. MOTOR VEHICLE (OPERATING FLUID) MISSISSAUGA CITY ON L5J 2E7*** ***SPL***

Ref No:	174372	***Municipality No:***	21102
Year:		***Nature of Damage:***	
Incident Dt:	10/31/1999	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	11/1/1999	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	REGION OF PEEL
Site No:			
Facility Name:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	MISSISSAUGA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CAUSE (N.O.S.)		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Soil contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Receiving Environment:			

Incident Reason: OTHER
Incident Summary: PRIVATE CAR-SMALL QUANT ENGINE OIL ONTO RD,REGIONOF PEEL REPORTS STAINING.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Source Type:

---

10 | **1 of 1** | **WNW/159.9** | **134.1 / 3.10** | **3 VEY RD ON** | **WWIS**

Well ID: 7258640
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z227542
Tag: A197550
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: MISSISSAUGA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 03/02/2016
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7472
Form Version: 7
Owner:
County: PEEL
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 12/18/2015
Year Completed: 2015
Depth (m): 3.048
Latitude: 43.5094851316421
Longitude: -79.6576119891729
Path:

Bore Hole Information

Bore Hole ID: 1005897294
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/18/2015
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608508.00
North83: 4818270.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID:	1006007620
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006007621
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Mat2 Desc:	DENSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006007622
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	10.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006007630
Layer:	2
Plug From:	4.0
Plug To:	10.0
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006007629
Layer:	1
Plug From:	0.0
Plug To:	4.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006007628
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1006007619
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006007625
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	5.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006007626
Layer:	1
Slot:	10
Screen Top Depth:	5.0
Screen End Depth:	10.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.4000000953674316

Water Details

Water ID:	1006007624
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006007623
Diameter:	6.0
Depth From:	0.0

Depth To:	10.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1005897294	**Tag No:**	A197550
Depth M:	3.048	**Contractor:**	7472
Year Completed:	2015	**Latitude:**	43.5094851316421
Well Completed Dt:	12/18/2015	**Longitude:**	-79.6576119891729
Audit No:	Z227542	**Y:**	43.509485129403096
Path:	725\7258640.pdf	**X:**	-79.65761183947629

---

11 | ***1 of 1*** | ***SW/163.3*** | ***135.5 / 4.55*** | ***2723 Truscott Drive, Mississauga ON*** | ***PINC***

Incident Id:		**Pipe Material:**	
Incident No:	820748	**Fuel Category:**	Natural Gas
Incident Reported Dt:		**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:	Pipeline Damage Reason Est	**Property Damage:**	Yes
Tank Status:	RC Established	**Service Interrupt:**	
Task No:	3855345	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2012/07/10	**Regulator Location:**	
Depth:		**Method Details:**	E-mail
Customer Acct Name:			
Incident Address:			
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	2723 Truscott Drive, Mississauga - 1" Pipeline Hit		
Reported By:	Vito.Imineo@enbridge.com		
Affiliation:			
Occurrence Desc:			
Damage Reason:	No notification made to the one call center		
Notes:			

---

12 | ***1 of 1*** | ***SSE/170.1*** | ***132.8 / 1.89*** | ***2682 BUSHLAND DRIVE, MISSISSAUGA ON L5J 1X9*** | ***INC***

Incident No:	91876	**Any Health Impact:**	
Incident ID:	2199138	**Any Enviro Impact:**	
Instance No:		**Service Interrupted:**	
Status Code:	Causal Analysis Complete	**Was Prop Damaged:**	
Attribute Category:	FS-Incident	**Reside App. Type:**	
Context:		**Commer App. Type:**	
Date of Occurrence:		**Indus App. Type:**	
Time of Occurrence:		**Institut App. Type:**	
Incident Created On:		**Venting Type:**	
Instance Creation Dt:		**Vent Conn Mater:**	
Instance Install Dt:		**Vent Chimney Mater:**	
Occur Insp Start Date:		**Pipeline Type:**	Service / Riser Distribution Pipeline
Approx Quant Rel:		**Pipeline Involved:**	
Tank Capacity:		**Pipe Material:**	Plastic
Fuels Occur Type:		**Depth Ground Cover:**	
Fuel Type Involved:		**Regulator Location:**	Outside
Enforcement Policy:		**Regulator Type:**	Service Regulator (up to 60 psi intake)
Prc Escalation Req:		**Operation Pressure:**	IP

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

Tank Material Type:		**Liquid Prop Make:**	
Tank Storage Type:		**Liquid Prop Model:**	
Tank Location Type:		**Liquid Prop Serial No:**	
Pump Flow Rate Cap:		**Liquid Prop Notes:**	
Task No:		**Equipment Type:**	
Notes:		**Equipment Model:**	
Drainage System:		**Serial No:**	
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	1/2" PIPELINE HIT - 2682 BUSHLAND DRIVE, MISSISSAUGA		
Occurence Narrative:			
Operation Type Involved:			
Item:			
Item Description:			
Device Installed Location:			

---

13 **1 of 2** **SSE/191.7** **131.8 / 0.89** **Mimico Glass & Mirror (1991)** **SCT**
1457 Seaview Dr
Mississauga ON L5J 1X7

Established:	01-AUG-73
Plant Size (ft²):	
Employment:	

--Details--

Description:	Glass and Glazing Contractors
SIC/NAICS Code:	238150
Description:	Other Building Material Dealers
SIC/NAICS Code:	444190
Description:	Metal Window and Door Manufacturing
SIC/NAICS Code:	332321

---

13 **2 of 2** **SSE/191.7** **131.8 / 0.89** **Mimico Glass & Mirror (1991) Inc.** **SCT**
1457 Seaview Dr
Mississauga ON L5J 1X7

Established:	1974
Plant Size (ft²):	
Employment:	1

--Details--

Description:	Metal Window and Door Manufacturing
SIC/NAICS Code:	332321
Description:	Other Building Material Dealers
SIC/NAICS Code:	444190

---

14 **1 of 2** **SW/191.7** **135.3 / 4.37** **ENBRIDGE GAS INC** **PINC**
2730 TRUSCOTT DR,,MISSISSAUGA,ON,L5J 2B7,CA
ON

Incident Id:		**Pipe Material:**	
Incident No:	3104158	**Fuel Category:**	
Incident Reported Dt:	9/7/2021	**Health Impact:**	

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

Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	

Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 2730 TRUSCOTT DR,,MISSISSAUGA,ON,L5J 2B7,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

14	2 of 2	SW/191.7	135.3 / 4.37	2730 Truscott Dr, Mississauga ON MISSISSAUGA ON	SPL

Ref No:	1-18EH28	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	9/7/2021 10:06:00 AM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	9/7/2021 11:31:10 AM	**Health/Env Conseq:**	0 No Impact
Dt Document Closed:	11/11/2021 12:57:11 PM	**Agency Involved:**	
Site No:			
Facility Name:			

MOE Response: Desktop Response
Site County/District:
Site Geo Ref Meth:
Site District Office: Halton-Peel District Office
Nearest Watercourse:
Site Name:
Site Address: 2730 Truscott Dr, Mississauga ON
Site Region: REGIONAL MUNICIPALITY OF PEEL
Site Municipality: MISSISSAUGA
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event: Line Strike
Environment Impact: 0 No Impact
Nature of Impact:
Contaminant Qty: 1 other - see notes
System Facility Address:
Client Name: ENBRIDGE CONSUMERS GAS
Client Type: Private Business
Call Report Locatn Geodata: {"integration_ids":["PR00000789355"],"wkts":["POINT (-79.6564601000 43.5062409000)"],"creation_date":"2021-09-07"}
Contaminant Code:
Contaminant Name: NATURAL GAS
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Air

Receiving Environment:	
Incident Reason:	Human error (Specify)
Incident Summary:	tssa 1/2" pl IP 2730 Truscott made safe
Activity Preceding Spill:	Construction or repair
Property 2nd Watershed:	Lake Ontario and Niagara Peninsula
Property Tertiary Watershed:	02HB-Credit - 16 Mile
Sector Type:	NATURAL GAS DISTRIBUTION
SAC Action Class:	
Source Type:	Pipeline/Components

---

15 | **1 of 1** | **NW/207.0** | **132.1 / 1.16** | **Regional Municipality of Peel**
Benedet and Birch Cres
Mississauga ON | **SPL**

Ref No:	3844-A5QVD7	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	12/31/2015	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	12/31/2015	**Health/Env Conseq:**	
Dt Document Closed:	1/27/2016	**Agency Involved:**	

Site No:	NA
Facility Name:	
MOE Response:	No
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	Water Main<UNOFFICIAL>
Site Address:	Benedet and Birch Cres
Site Region:	
Site Municipality:	Mississauga
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	4818106
Easting:	608330
Incident Cause:	
Incident Event:	
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	0 other - see incident description
System Facility Address:	
Client Name:	Regional Municipality of Peel
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	43
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Receiving Environment:	
Incident Reason:	Equipment Failure
Incident Summary:	Water main break, flow to catch basins
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Unknown / N/A
SAC Action Class:	Watercourse Spills
Source Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	WSW/213.6	137.5 / 6.50	PEEL, REGIONAL MUNICIPALITY OF 1796 SANDGATE DRIVE CLARKSON ON L5J 2E8	GEN

Generator No:	ON0148301
SIC Code:	0000
SIC Description:	*** NOT DEFINED ***
Approval Years:	86,87,88,89,90,92,93,94
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	WNW/229.3	135.3 / 4.37	PIPELINE HIT - 1/2" 2611 BENEDET DR,,MISSISSAUGA,ON,L5J 4H6, CA ON	PINC

Incident Id:		Pipe Material:	
Incident No:	1466072	Fuel Category:	
Incident Reported Dt:	8/26/2014	Health Impact:	
Type:	FS-Pipeline Incident	Environment Impact:	
Status Code:		Property Damage:	
Tank Status:	Not Investigated	Service Interrupt:	
Task No:		Enforce Policy:	
Spills Action Centre:		Public Relation:	
Fuel Type:		Pipeline System:	
Fuel Occurrence Tp:		PSIG:	
Date of Occurrence:		Attribute Category:	
Occurrence Start Dt:		Regulator Location:	
Depth:		Method Details:	
Customer Acct Name:	PIPELINE HIT - 1/2"		
Incident Address:	2611 BENEDET DR,,MISSISSAUGA,ON,L5J 4H6,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	WNW/234.0	135.3 / 4.33	Enbridge Gas Distribution Inc. 2611 Benedet Dr Mississauga ON	SPL

Ref No:	6162-9N4UV9	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	2014/08/18	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	2014/08/18	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:	NA		
Facility Name:			
MOE Response:	Referral to others		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			

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

Nearest Watercourse:
Site Name: Residential<UNOFFICIAL>
Site Address: 2611 Benedet Dr
Site Region:
Site Municipality: Mississauga
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Leak/Break
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Contaminant Qty: 0 other - see incident description
System Facility Address:
Client Name: Enbridge Gas Distribution Inc.
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: Enbridge, 0.5 inch break, safe
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Valve/Fitting/Piping
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 2	WNW/234.3	135.8 / 4.85	CARS - (CAR Systems Inc.) 2621 Benedet Dr Mississauga ON L5J 4H6	SCT

Established: 01-SEP-00
Plant Size (ft²):
Employment:

--Details--
Description: Software Publishers
SIC/NAICS Code: 511210

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	2 of 2	WNW/234.3	135.8 / 4.85	2621 BENEDET DRIVE MISSISSAUGA ON L5J 4H6	HINC

External File Num: FS INC 0906-03293
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 6/6/2009
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Private Dwelling
Service Interruptions: Yes
Property Damage: Yes
Fuel Life Cycle Stage: Utilization

Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Peel
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

---

20 | **1 of 1** | **NNW/236.3** | **131.7 / 0.78** | **731226 Ontario Limited**
7645 Poplar Sideroad Lot 39, Conc. 9
Clearview ON L9Y 3Z7 | **ECA**

Approval No: 4738-8PBJ69
Approval Date: 2011-12-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Nottawasaga Valley
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: 731226 Ontario Limited
Address: 7645 Poplar Sideroad Lot 39, Conc. 9
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8356-8JXN88-14.pdf
PDF Site Location:
MOE District: Barrie
City:
Longitude: -80.24791
Latitude: 44.470585
Geometry X:
Geometry Y:

---

21 | **1 of 1** | **ESE/244.8** | **129.6 / -1.39** | **Woodhouse Contracting Limited**
2619 Constable Road
Mississauga ON L5J 1W3 | **GEN**

Generator No: ON5040207
SIC Code: 238990
SIC Description: All Other Specialty Trade Contractors
Approval Years: 07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 150
Waste Class Name: INERT INORGANIC WASTES

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

---

22 | **1 of 1** | **NNE/248.2** | **127.6 / -3.36** | **PRIVATE RESIDENCE**
1511 SANDGATE CRESCENT (N.O.S.)
MISSISSAUGA CITY ON L5J 2E3 | **SPL**

Ref No: 197510
Municipality No: 21102

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

Year:		**Nature of Damage:**	
Incident Dt:	3/29/2001	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	4/2/2001	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	REGION OF PEEL, MISS. WORKS DEPT.
Site No:			
Facility Name:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	MISSISSAUGA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CAUSE (N.O.S.)		
Incident Event:			
Environment Impact:	Possible		
Nature of Impact:	Water course or lake		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Call Report Locatn Geodata:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Water		
Receiving Environment:			
Incident Reason:	OTHER		
Incident Summary:	RESIDENCE - MOTOR OIL DUMPED DOWN SEWER BY RESIDENT.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Source Type:			

23	**1 of 1**	**SSE/252.8**	**131.8 / 0.89**	***SPIDERMAN PEST CONTROL OPERATION*** ***1466 SEAVIEW DR*** ***MISSISSAUGA ON L5J 1X5***	**PES**

Detail Licence No:	02-01-05684-0	**Operator Box:**	
Licence No:	05684	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Operator	**Oper Phone No:**	
Licence Type Code:	02	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	3
Longitude:		**Operator District:**	
Lot:		**Operator County:**	49
Concession:		**Op Municipality:**	

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

Region:	3	**Post Office Box:**	
District:		**MOE District:**	
County:	49	**SWP Area Name:**	
Trade Name:			
PDF URL:			

---

24 | **1 of 1** | **SSE/262.1** | **131.8 / 0.89** | **Enersource Hydro Mississauga Inc.**
1472 Seaview Dr
Mississauga ON L5J 1X7 | **SPL**

Ref No:	2725-A35LDG	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	9/29/2015	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	10/9/2015	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	

Site No:	7207-A6RJNU
Facility Name:	
MOE Response:	No
Site County/District:	
Site Geo Ref Meth:	NA
Site District Office:	
Nearest Watercourse:	
Site Name:	Residence
Site Address:	1472 Seaview Dr
Site Region:	
Site Municipality:	Mississauga
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	NA
Site Map Datum:	NA
Northing:	NA
Easting:	NA
Incident Cause:	
Incident Event:	
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	46 L
System Facility Address:	
Client Name:	Enersource Hydro Mississauga Inc.
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	26
Contaminant Name:	TRANSFORMER OIL (GT 50 PPM PCB)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Receiving Environment:	
Incident Reason:	Equipment Failure
Incident Summary:	Enersource- 46L PCB transformer oil spill
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	Land Spills
Source Type:	

---

25 | **1 of 1** | **N/280.6** | **130.8 / -0.11** | **2460 SOUTH SHERIDAN WAT**
Mississauga ON | **WWIS**

Well ID:	7118600	**Flowing (Y/N):**	

Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	01/29/2009
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	M04250	**Contractor:**	6607
Tag:		**Form Version:**	5
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	MISSISSAUGA CITY		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/28/2008
Year Completed:	2008
Depth (m):	
Latitude:	43.5117945078321
Longitude:	-79.6556803008737
Path:	

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/28/2008
Year Completed:	2008
Depth (m):	
Latitude:	43.512127138041
Longitude:	-79.6556358011933
Path:	

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/28/2008
Year Completed:	2008
Depth (m):	
Latitude:	43.5119716495142
Longitude:	-79.6561959802915
Path:	

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	11/25/2008
Year Completed:	2008
Depth (m):	
Latitude:	43.5107228810855
Longitude:	-79.6579680672453

Path:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 11/28/2008
Year Completed: 2008
Depth (m):
Latitude: 43.5122260123704
Longitude: -79.6556212343167
Path:

Bore Hole Information

Bore Hole ID: 1003223245
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 11/28/2008
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608663.00
North83: 4818566.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003223249
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003223248
Method Construction Code:
Method Construction:
Other Method Construction:

Hole Diameter

Hole ID: 1003223247
Diameter:
Depth From:
Depth To: 4.5
Hole Depth UOM: m
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID: 1003223240
Elevation:

DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 11/28/2008
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevrc:
Zone: 17
East83: 608660.00
North83: 4818529.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003223244
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003223243
Method Construction Code:
Method Construction:
Other Method Construction:

Hole Diameter

Hole ID: 1003223242
Diameter:
Depth From:
Depth To: 4.5
Hole Depth UOM: m
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID: 1003223235
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 11/28/2008
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608618.00
North83: 4818548.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment

Sealing Record

Plug ID: 1003223239
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003223238
Method Construction Code:
Method Construction:
Other Method Construction:

Hole Diameter

Hole ID: 1003223237
Diameter:
Depth From:
Depth To: 4.5
Hole Depth UOM: m
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID: 1003223250
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 11/28/2008
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608664.00
North83: 4818577.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003223254
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003223253
Method Construction Code:
Method Construction:
Other Method Construction:

Hole Diameter

Hole ID: 1003223252
Diameter:
Depth From:
Depth To: 4.5
Hole Depth UOM: m
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID: 1001978285
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole: No
Cluster Kind:
Date Completed: 11/25/2008
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 608477.00
North83: 4818407.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003223268
Layer: 1
Plug From: 0.0
Plug To: 7.599999904632568
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1003223271
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1003223266
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1003223269
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm

Screen Diameter: 6.400000095367432

Hole Diameter

Hole ID: 1003223267
Diameter: 21.0
Depth From: 0.0
Depth To: 7.300000190734863
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1003223240
Depth M:
Year Completed: 2008
Well Completed Dt: 11/28/2008
Audit No: M04250
Path:
Tag No:
Contractor: 6607
Latitude: 43.5117945078321
Longitude: -79.6556803008737
Y: 43.51179450534455
X: -79.65568015120945

Links

Bore Hole ID: 1001978285
Depth M:
Year Completed: 2008
Well Completed Dt: 11/25/2008
Audit No: M04250
Path:
Tag No:
Contractor: 6607
Latitude: 43.5107228810855
Longitude: -79.6579680672453
Y: 43.51072287869132
X: -79.65796791705976

Links

Bore Hole ID: 1003223245
Depth M:
Year Completed: 2008
Well Completed Dt: 11/28/2008
Audit No: M04250
Path:
Tag No:
Contractor: 6607
Latitude: 43.512127138041
Longitude: -79.6556358011933
Y: 43.512127135636504
X: -79.65563565135011

Links

Bore Hole ID: 1003223250
Depth M:
Year Completed: 2008
Well Completed Dt: 11/28/2008
Audit No: M04250
Path:
Tag No:
Contractor: 6607
Latitude: 43.5122260123704
Longitude: -79.6556212343167
Y: 43.51222600929392
X: -79.6556210842654

Links

Bore Hole ID: 1003223235
Depth M:
Year Completed: 2008
Well Completed Dt: 11/28/2008
Audit No: M04250
Path:
Tag No:
Contractor: 6607
Latitude: 43.5119716495142
Longitude: -79.6561959802915
Y: 43.51197164778259
X: -79.65619583071538

26	1 of 2	ENE/286.8	124.9 / -6.06	CONTINENTAL LANDSCAPING LTD 1429 SANDGATE CRES MISSISSAUGA ON L5J2E3	PES

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

Detail Licence No:		**Operator Box:**	
Licence No:	03045	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Operator	**Oper Phone No:**	8231636
Licence Type Code:	02	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF URL:			

---

26 | ***2 of 2*** | ***ENE/286.8*** | ***124.9 / -6.06*** | ***CONTINENTAL LANDSCAPING LTD***
1429 SANDGATE CRES
MISSISSAUGA ON L5J2E3 | ***PES***

Detail Licence No:		**Operator Box:**	
Licence No:	03045	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Operator	**Oper Phone No:**	8231636
Licence Type Code:	01	**Operator Ext:**	
Licence Class:	06	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF URL:			

---

27 | ***1 of 3*** | ***ENE/287.4*** | ***124.9 / -6.06*** | ***CONTINENTAL LANDSCAPING LTD.***
1429 SANDGATE CRESCENT
MISSISSAUGA ON L5J 2E3 | ***PES***

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:		**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	

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

Trade Name:
PDF URL:

---

27 **2 of 3** **ENE/287.4** **124.9 / -6.06** **CONTINENTAL LANDSCAPING LTD.** **PES**
1429 SANDGATE CRESCENT
MISSISSAUGA ON L5J 2E3

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

---

27 **3 of 3** **ENE/287.4** **124.9 / -6.06** **CONTINENTAL LANDSCAPING LTD** **PES**
1429 SANDGATE CRES
MISSISSAUGA ON L5J 2E3

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code: 02
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

---

28 **1 of 1** **WNW/290.6** **136.8 / 5.89** **Benedet Dr Fill Dump 1965** **ANDR**

Mississauga ON L5J 4H7

Legal Description: Toronto Tp Con 2 SDS Lot 35 pt
Location Description: NW side Benedet Dr, approx 250m NE Winston Churchill Blvd, on-site creek
Municipality: Mississauga Town
Current Municipality: Mississauga City
RM: Peel Region
Facility: Fill Dump
Date Active: 1965

Date Begun:
Date Complete:
Area (Ha): 0.5625
Landfill Type:
Group Name:
Operated By:
Serial: FD PEEL1 1965
NTS: 30M12
Diameter (m): 175

Historical Summary:

Benedet Dr Fill Dump 1965 1965 Air Photos Sheet #3 Fill dump shown, 175m x 75m, [MTA: 1965 Air Photos Sheet #3].

Waste Type: fill
UTM X Nad 27: 608350
UTM Y Nad 27: 4818075
UTM Zone: 17

---

29 | ***1 of 1*** | ***SSE/297.2*** | ***132.7 / 1.76*** | ***PIPELINE HIT - 1/2"***
1496 SEAVIEW DR,,MISSISSAUGA,ON,L5J 1X5, CA
ON | ***PINC***

Incident Id:
Incident No: 1408398
Incident Reported Dt: 6/3/2014
Type: FS-Pipeline Incident
Status Code:
Tank Status: Non Mandated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: PIPELINE HIT - 1/2"
Incident Address: 1496 SEAVIEW DR,,MISSISSAUGA,ON,L5J 1X5,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Unplottable Summary

Total: 6 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MAGNOLIA MANAGEMENT CORPORATION	BUSHLAND CRESCENT	MISSISSAUGA CITY ON	
CA	MAGNOLIA MANAGEMENT CORPORATION	BUSHLAND CRESCENT	MISSISSAUGA CITY ON	
HINC		SEAVIEW DRIVE	MISSISSAUGA ON	
SPL	Enersource Hydro Mississauga Inc.		Mississauga ON	
SPL	The Corporation of the City of Mississauga	Truscott Drive	Mississauga ON	
SPL	PETRO-CANADA	POPLAR CRESCENT. STORAGE TANK	MISSISSAUGA CITY ON	

Unplottable Report

Site: ***MAGNOLIA MANAGEMENT CORPORATION***
BUSHLAND CRESCENT MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-0641-89-
Application Year: 89
Issue Date: 4/19/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MAGNOLIA MANAGEMENT CORPORATION***
BUSHLAND CRESCENT MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-0572-89-
Application Year: 89
Issue Date: 4/19/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
SEAVIEW DRIVE MISSISSAUGA ON

Database: ***HINC***

External File Num: FS INC 0610-03354
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 10/24/2006
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Multi-unit Residential
Service Interruptions: Yes
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training: Yes Management:No Human Factors:Yes
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Peel
Approx. Quant. Rel:
Nearby body of water:

Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

Site: ***Enersource Hydro Mississauga Inc.***
Mississauga ON

Database: ***SPL***

Ref No: 4022-9LERFW
Year:
Incident Dt: 2014/06/25
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/06/25
Dt Document Closed: 2014/07/10
Site No: NA
Facility Name:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Enola Ave, between The Greenway and Lakeshore<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Mississauga
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Collision/Accident
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Contaminant Qty: 40 L
System Facility Address:
Client Name: Enersource Hydro Mississauga Inc.
Client Type:
Call Report Locatn Geodata:
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason: Unknown / N/A
Incident Summary: 40L pcb (14ppm) transformer oil to road, cb, cleaning
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Transformer
SAC Action Class: Watercourse Spills
Source Type:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

Site: ***The Corporation of the City of Mississauga***
Truscott Drive Mississauga ON

Database: ***SPL***

Ref No: 3241-8H2KDL
Year:
Incident Dt: 5/19/2011
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/20/2011
Dt Document Closed: 5/25/2011
Site No:
Facility Name:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Sheridan Creek<UNOFFICIAL>
Site Address: Truscott Drive
Site Region:
Site Municipality: Mississauga
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Contaminant Qty:
System Facility Address:
Client Name: The Corporation of the City of Mississauga
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Receiving Environment:
Incident Reason:
Incident Summary: Sheridan Creek: Unknown Blue Product
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Watercourse Spills
Source Type:

Site: ***PETRO-CANADA***
POPLAR CRESCENT. STORAGE TANK MISSISSAUGA CITY ON

Database: ***SPL***

Ref No: 105258
Year:
Incident Dt: 9/16/1994
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/15/1994
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: MISSISSAUGA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNKNOWN

Municipality No: 21102
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved: FIRE DEPT., WORKS

Incident Event:	
Environment Impact:	POSSIBLE
Nature of Impact:	Human health
Contaminant Qty:	
System Facility Address:	
Client Name:	
Client Type:	
Call Report Locatn Geodata:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	AIR
Receiving Environment:	
Incident Reason:	UNKNOWN
Incident Summary:	PETRO-CANADA - GASOLINE TO SANITARY SEWER, F.D., WORKS,RESIDENTS EVACUATED
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Source Type:	

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 Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Oct 31, 2023

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Oct 31, 2023

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Aug 2023

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-Sep 2023

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Oct 31, 2023

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 2023

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Oct 31, 2023

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Oct 31, 2023

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Oct 31, 2023

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-Sep 30, 2023

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2023

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2020

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2023

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, 2021

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-Oct 2022

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Aug 31, 2023

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-Aug 2023

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 Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Oct 31, 2023

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Oct 31, 2023

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Oct 31, 2023

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

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-Oct 2023

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 31, 2023

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in February, March, May, June-November 2022, and January 2023 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Dec 2021; see description

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Oct 31, 2023

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX G

PUPs/PURs

(NO RECORDS)

APPENDIX H

SELECTED AERIAL PHOTOGRAPHS

N

TRUE

AERIAL PHOTO SHOWING PHASE ONE PROPERTY - 1954

Project No: 11644

Imagery Date: 1954, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1966

Project No: 11644

Imagery Date: 1966, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1975

Project No: 11644

Imagery Date: 1975, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1980

Project No: 11644

Imagery Date: 1980, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE

AERIAL PHOTO SHOWING PHASE ONE PROPERTY - 1989

Project No: 11644

Imagery Date: 1989, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1995

Project No: 11644

Imagery Date: 1995, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 2007

Project No: 11644

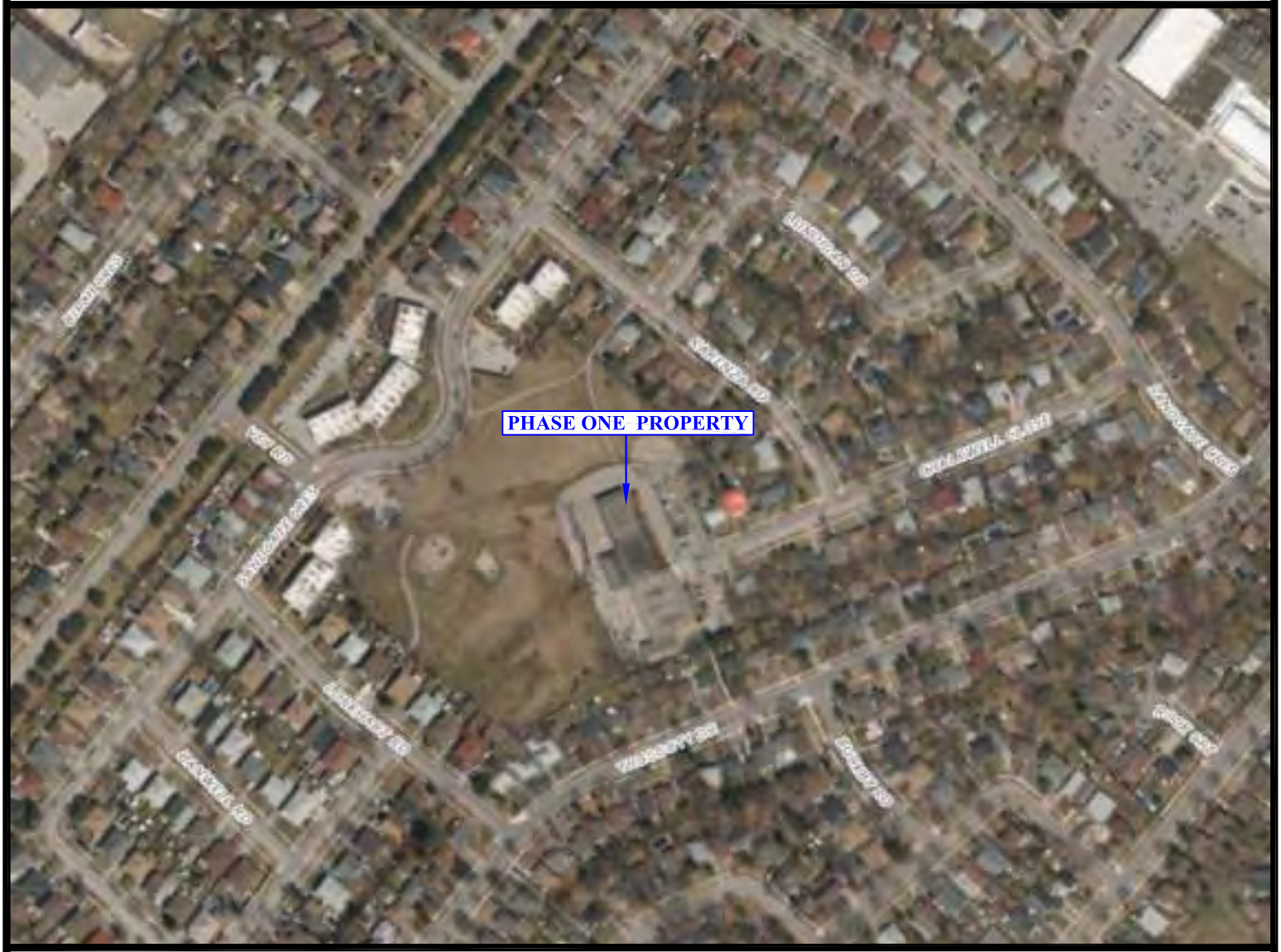
Imagery Date: 2007, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE



AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 2015

Project No: 11644

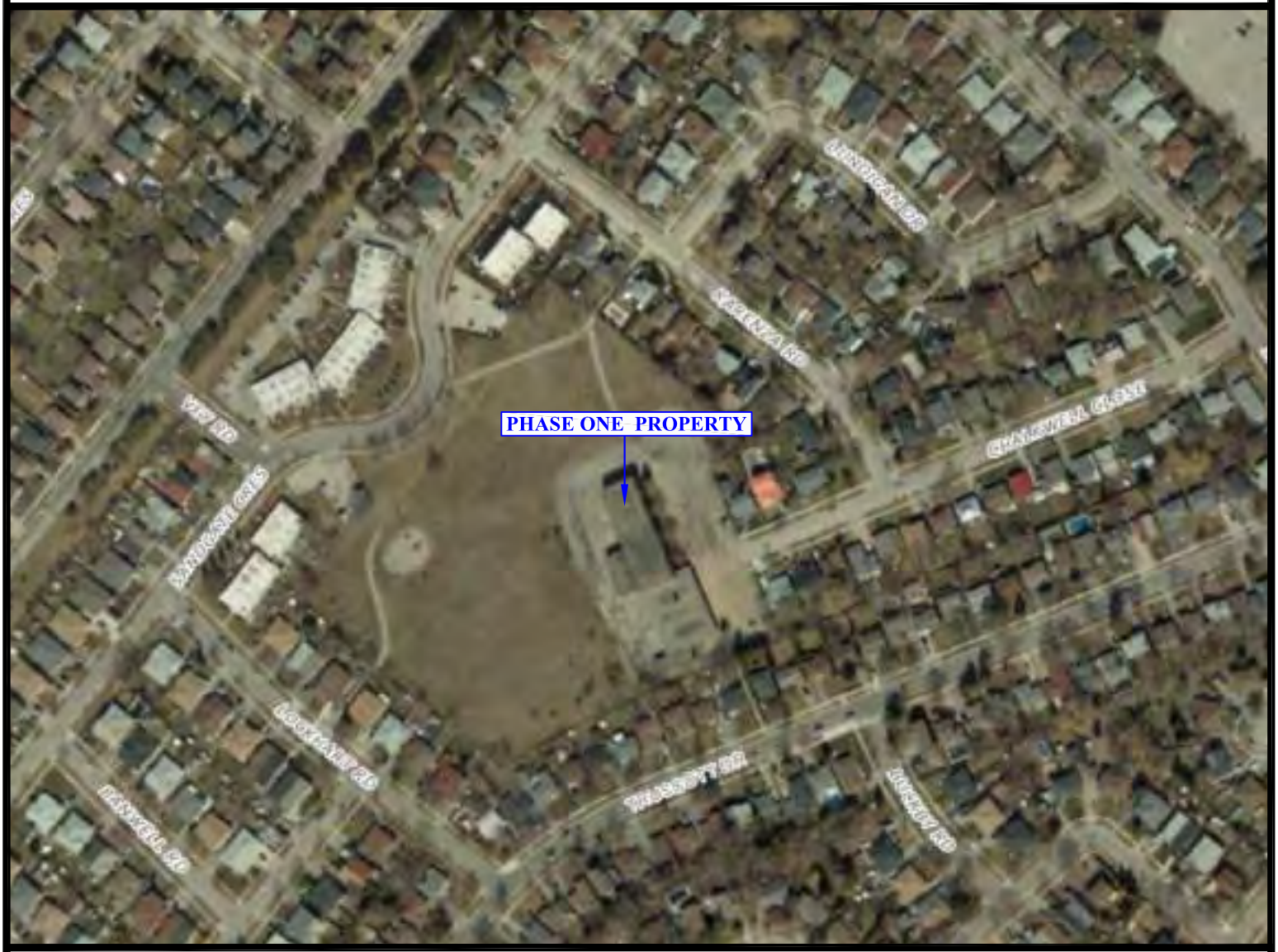
Imagery Date: 2015, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE



AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 2021

Project No: 11644

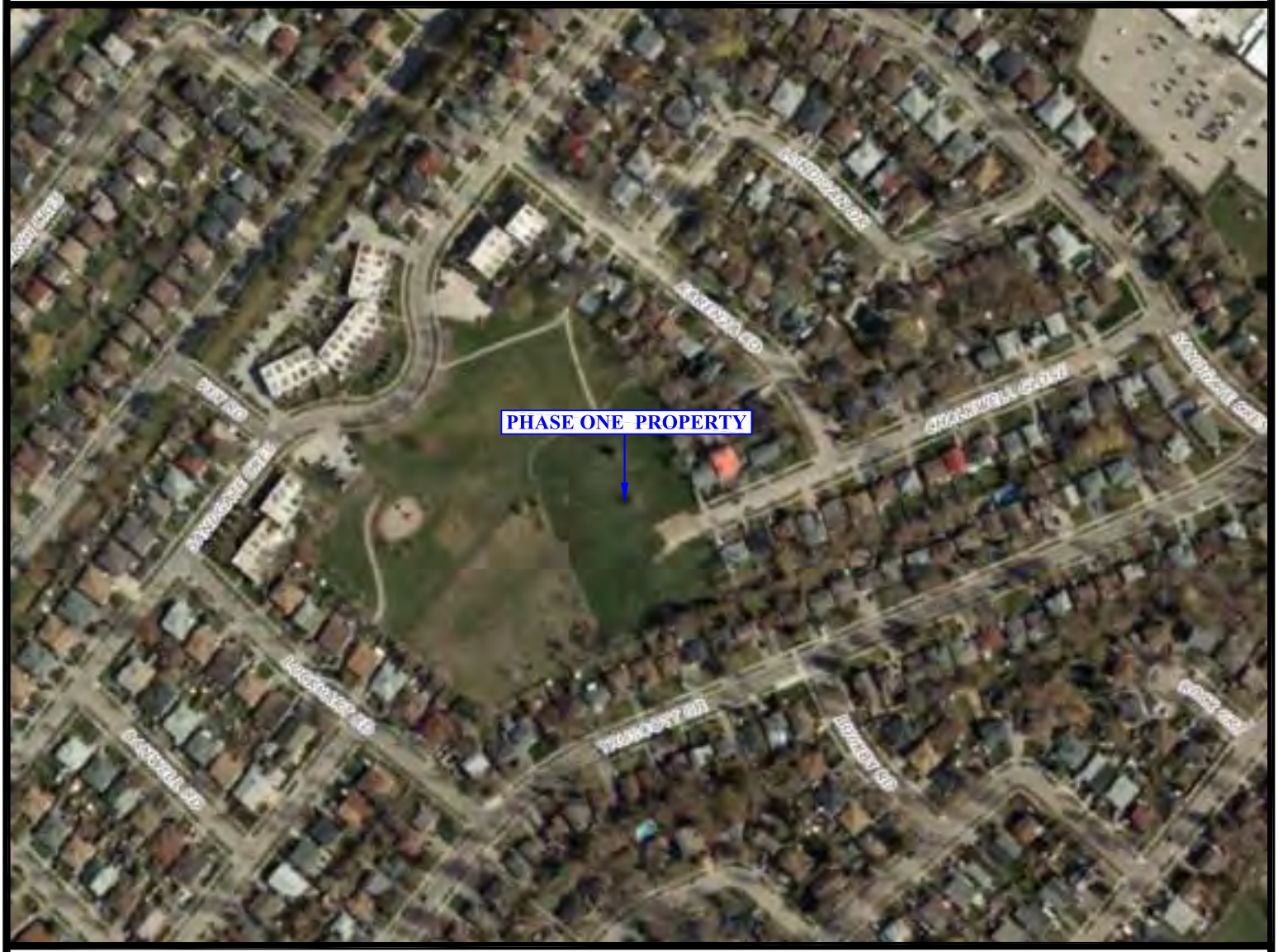
Imagery Date: 2021, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO

N

TRUE



AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 2022

Project No: 11644

Imagery Date: 2022, City of Mississauga, Interactive Map

S2S Environmental Inc.

DATE:	SITE LOCATION:
DEC 18, 2023	2620 CHALKWELL CLOSE MISSISSAUGA, ONTARIO