S2S PROJECT NO. 9550

REPORT TO

3043 SIXTH LINE INC.

ON

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

3043 SIXTH LINE
OAKVILLE, ONTARIO

CONDUCTED BY:

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NOVEMBER 24, 2020

EXECUTIVE SUMMARY

S2S Environmental Inc. (S2S) was retained by 3043 Sixth Line Inc. (Client) to conduct a Phase One Environmental Site Assessment (ESA) of the multi-tenant residential property located at 3043 Sixth Line in Oakville, Ontario (Phase One Property).

At the time of the site reconnaissance, the Phase One Property (municipally addressed as 3043 Sixth Line) was occupied by a split-level (single-storey in the northeast portion and two-storey in the remaining portions) multi-tenant residential building with a dug-out basement beneath the kitchen of the building (Subject Building). The original portion of the Subject Building was reportedly constructed in approximately the late 1860s, with a reported lateral addition to the northeast portion of the Subject Building in approximately the late 1980s. The Subject Building consisted of four residential apartment units. Vehicular access to the Phase One Property was from an asphalt paved driveway off Sixth Line, located on the southwest side of the Phase One Property. Asphalt paved surface parking and driveway areas were observed on the northeast, east and southeast sides of the Subject Building. Landscaped areas were generally present on all sides of the Subject Building and along portions of all of the boundaries of the Phase One Property. The total floor area of the Subject Building was reportedly approximately 310 m^2 (3,337 ft^2), and the Phase One Property had a reportedly total area of approximately 0.3 hectares (0.8 acres). The Property Identification Number (PIN) for the Phase One Property is 24929-5379 (LT). At the time of reconnaissance, the Phase One Property was reportedly owned and managed by Mr. Duane Plata and Ms. Fleur Mosler operating as 3043 Sixth Line Inc.

It is understood that this Phase One ESA is being carried out for redevelopment purposes with the Town of Oakville; 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	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Entire Phase One Property	**PCA 1:** #30 - Importation of Fill Material of Unknown Quality *(Fill materials may have been applied at various locations when the*	On-site	PAHs, Metals, As, Sb, Se, Cr(VI), Hg, CN-, B-HWS, EC, SAR[1]	Soil
				PAHs, Metals, As, Sb, Se, Cr(VI), Hg,	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	Media Potentially Impacted (Groundwater, soil and/or sediment)
		Phase One Property was in the process of first being developed, redeveloped or during re-configuration of parking and landscaped areas)		CN-, B-HWS, Na, Cl-[1]	
APEC 2	Entire Phase One Property	**PCA 2:** #40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications *(Potential historical applications of pesticides, herbicides and fertilizers associated with the historical agricultural usage of the Phase One Property)*	On-site	OCs, Metals[1]	Groundwater and soil

Notes:

1- The acronyms noted above indicate the following contaminants of potential concern: Polycyclic aromatic hydrocarbons (PAHs); organochlorine pesticides (OCs); 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); sodium (Na); and chloride (Cl-).

Based on the above-noted APECs identified during the completion of this Phase One ESA, it is recommended that a Phase Two ESA be completed at the Phase One Property to assess the quality of the soils and groundwater in accordance with the Ontario MECP *O. Reg. 153/04, as amended.*

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.

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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 3043 Sixth Line Inc. (Client) to conduct a Phase One Environmental Site Assessment (ESA) of the multi-tenant residential property located at 3043 Sixth Line in Oakville, Ontario (Phase One Property).

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 carried out for redevelopment purposes with the Town of Oakville; 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).

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 northeast side of Sixth Line in the Halton Region, approximately 115 m northwest of the intersection of Dundas Street East and Sixth Line. At the time of the site reconnaissance, the Phase One Property (municipally addressed as 3043 Sixth Line) was occupied by a split-level (single-storey in the northeast portion and two-storey in the remaining portions) multi-tenant residential building with a dug-out basement beneath the kitchen of the building (Subject Building). The original portion of the Subject Building was reportedly constructed in approximately the late 1860s, with a reported lateral addition to the northeast portion of the Subject Building in approximately the late 1980s. The Subject Building consisted of four residential apartment units. Vehicular access to the Phase One Property was from an asphalt paved driveway off Sixth Line, located on the southwest side of the Phase One Property. Asphalt paved surface parking and driveway areas were observed on the northeast, east and southeast sides of the Subject Building. Landscaped areas were generally present on all sides of the Subject Building and along portions of all of the boundaries of the Phase One Property. The total floor area of the Subject Building was reportedly approximately 310 m^2 (3,337 ft^2), and the Phase One Property had a reportedly total area of approximately 0.3 hectares (0.8 acres). The Property Identification Number (PIN) for the Phase One Property is 24929-5379 (LT). At the time of reconnaissance, the Phase One Property was reportedly owned and managed by Mr. Duane Plata and Ms. Fleur Mosler operating as 3043 Sixth Line Inc.

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

Table 1 - Legal Description of the Phase One Property

PIN	Property Description
24929-5379 (LT)	Part Lot 15 Concession 1 Trafalgar, North of Dundas Street, Part 1 Plan 20R20379 Town of Oakville

The Phase One Study Area and the Phase One Property are situated in a developing portion of the Town of Oakville. Property uses adjacent/neighbouring to the Phase One Property consisted of agricultural/undeveloped properties to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property, a community property (Munn's United Church) to the southeast of the Phase One Property and a multi-tenant residential townhouse building to the southwest (across Sixth Line) 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. Duane Plata of 3043 Sixth Line Inc. on August 24, 2020. The owner contact information is as follows:

Table 2 - Property Ownership Details

Company Name	3043 Sixth Line Inc.
Company Address	3043 Sixth Line, Oakville, Ontario L6M 4J9
Company Contact Name	Mr. Duane Plata, Vice President
Contact Telephone Number	(416) 557-3058
Contact Email Address	duane@magnitudewell.com

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 from the Toronto Reference Library and FIPs from Opta;

  - Aerial photographs from the National Air Photo Library (NAPL), ERIS and Google Earth;
  - 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 Town of Oakville Official Plan;
  - A title search (detailing property ownership from Crown ownership to the present) was conducted for PIN 24929-5379 (LT), the PIN for the Phase One Property. The title search for the Phase One Property was conducted on September 2, 2020 at Land Registry Office #20, Milton, 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 use 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 on the northeast side of Sixth Line in the Halton Region, approximately 115 m northwest of the intersection of Dundas Street East and Sixth Line. At the time of the site reconnaissance, the Phase One Property (municipally addressed as 3043 Sixth Line) was occupied by a split-level (single-storey in the northeast portion and two-storey in the remaining portions) multi-tenant residential building with a dug-out basement beneath the kitchen of the building (Subject Building). The original portion of the Subject Building was reportedly constructed in approximately the late 1860s, with a reported lateral addition to the northeast portion of the Subject Building in approximately the late 1980s. The Subject Building consisted of four residential apartment units. The remainder of the Phase One Property consisted of asphalt paved surface parking areas and driveways and landscaped areas. The Phase One Property had a total area of 0.3 hectares (0.8 acres) and was 82 m in length and 41 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 first developed with a single-family residential dwelling in approximately the late 1860s.

3.1.3 Fire Insurance Plans

A request was made to Opta on September 2, 2020, for any available FIPs for the Phase One Property and/or adjacent/neighbouring properties. One FIP, dated 1967, was obtained by Opta. However, this FIP had no coverage of the Phase One Property or the adjacent/neighbouring properties located to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property. The above-noted FIP only covered the adjacent property located to the southeast of the Phase One Property, which indicated that this adjacent property had two buildings present at that time, including Munn's United Church.

3.1.4 City Directories

Based on a review of available City Directories from 1960 and 1965, 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 a residential property in 1971.

Based on a review of available City Directories from 1960 and 1965, the immediate adjacent/neighbouring properties located to the northwest, northeast, southeast and southwest (across Sixth Line) of the Phase One Property were not listed at those times. Based on a review of available City Directories, the adjacent property located to the southeast of the Phase One Property was first listed as an institutional property (Munn's United Church) in 1971. It should be noted that the immediate adjacent/neighbouring properties located to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property were not listed in the 1960, 1965, 1971, 1975, 1981, 1985, 1990, 1995 and 2001 City Directories.

3.1.5 Chain of Title

A Chain of Title Search was completed for the Phase One Property on September 2, 2020 by Mr. Stewart Davey, a land title searcher, at Land Registry Office #20, Milton, Ontario. The Chain of Title was commissioned to determine the history of ownership and occupants of the Phase One Property dating back to Crown ownership. Table 11 - 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	Owner(s)	Dates of Ownership
24929-5379 (LT) (Historical PIN 24929-0119 (LT))	Fleur Mosler and Duane Plata	2011 to the present
	Cheryl Ann Titus and Stephen Robert William Titus	1984 to 2011
	Adrija Kupec and Marija Kupec	1974 to 1984
	Hertel Leibovici and Frieda Leibovici	March 1, 1974 only
	Anand Van Der Steen and Jacoba Van Der Steen	1959 to 1974

PIN	Owner(s)	Dates of Ownership
	Terje Postma and Sylvia Postma	January 1959 to September 1959
	Goswin De Roer and Abbe De Roer	1952 to 1959
	Laura Yetman	1950 to 1952
	George Edward Long Jr.	1916 to 1950
	Barbara Esther Long (Estate of George Long Sr.)	1891 to 1916
	Benjamin Freeman and Wife	1890 to 1891
	Louis Pope and Wife	1881 to 1890
	Emily Cline and Hiram Cline	1870 to 1881
	Jordan Munnie and William Downs	1855 to 1870
	Robert Harper	February 1855 to June 1855
	John Terry	February 17, 1855 only
	Jordan Munnie	1853 to 1855
	Hugh Hannah	1847 to 1853
	Jordan Munnie	1841 to 1847
	Daniel Munnie (Estate of Millicent Munnie)	May 7, 1841 only
	Millicent Munnie (Estate of John Robinson)	1823 to 1841
	John Robinson	1807 to 1823
	Crown Lands	Prior to 1807

3.1.6 Previous Environmental Reports

S2S requested the Client to provide all available information for the Phase One Property with respect to the current Phase One ESA. A list of the reviewed company records provided by the Client is included in Appendix B of this report. These documents, which consisted only of site plans and surveys, were used as sources of background information by S2S during the completion of this Phase One ESA report. No environmental site assessments have been provided by the Client for the Phase One Property.

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 August 27 and October 20, 2020 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:

- 5 and 41 Dundas Street East, Oakville;
- 21 Dundas Street West, Oakville;

- 5 East Street, Oakville; and
- 3025 and 3048 Sixth Line.

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 Municipal

A request under the Freedom of Information and Protection of Privacy Act (FOIPPA) was made to the Town of Oakville in regards to the Phase One Property on October 22, 2020. As of the date of issuance of this report, a written reply has not yet been received from the Town of Oakville. Should further information be received which alters the conclusions of this report, an addendum will be forwarded to the Client.

3.2.3 Ontario Ministry of the Environment, Conservation and Parks

A request under the FOIPPA was made to the Ontario MECP in regard to the Phase One Property on September 29, 2020. 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 reply has not yet been received from the Ontario MECP. Should further information be received which alters the conclusions of this report, an addendum will be forwarded to the Client.

3.2.4 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 (November 2020);
5. The MECP on-line Brownfields Environmental Site Registry (October 2004 to November 2020);
6. MECP HWIS, Public Information Data Set, 1986 to 2018. 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 November 2020). This online inventory has been reviewed under the ERIS Report; and
8. MECP on-line Environmental Registry (November 2020). 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 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 immediate adjacent/neighbouring properties located to the southeast and southwest (across Sixth Line) of the Phase One Property were not listed on 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. However, the following adjacent property was listed on the Brownfields Environmental Site Registry:

- RSC #206534 filed in January 2013 (for 41 Dundas Street East, located adjacent to the northwest and northeast of the Phase One Property, in an assumed up/cross-gradient location) – Phase One and Phase Two ESAs were reportedly completed in support of the RSC. The Phase One ESA of this adjacent property identified three APECs including: unknown fill quality in mounds of material that were observed on the northwest and south portions of the site; the application of pesticides, herbicides and fertilizers from on-site agricultural activities; and the application of pesticides, herbicides and fertilizers from off-site agricultural activities. The Phase Two ESA of this adjacent property analyzed metal and selected PAH parameters in soil and selected PAH parameters in groundwater. No soil was removed after the completion of the above-noted Phase Two ESA. The above-noted adjacent property was observed to be an agricultural/undeveloped property at the time of the site reconnaissance.

It should be noted that there was no Risk Assessment completed in conjunction with the RSC for the above-noted adjacent property. Based on a review of the above-mentioned RSC, it is unlikely that the above-noted adjacent property represents a potential environmental concern to the Phase One Property.

The Phase One Property was not listed in the MECP HWIN (November 2020) or MECP HWIS (1986 to 2018) lists as current or historical generators of registerable wastes. Furthermore, no adjacent/neighbouring properties located within the Phase One Study Area were listed in the MECP HWIN (November 2020) list as current generators of registerable wastes. However, a

neighbouring property located within the Phase One Study Area was listed in the MECP HWIS (1986 to 2018) list as a historical generator of registerable wastes. Information with regards to this listing has been reviewed and summarized in Table 5 accordingly.

Table 5 - HWIS Summary

Generator Number	Generator Name	Location	Assumed Groundwater Direction	Waste Information	Years
ON6975024	North Terra Construction	3130 Sixth Line (approximately 195 m northwest (across Sixteen Mile Drive) of the Phase One Property)	Up/cross-gradient	Light fuels (221); and Waste oils/ sludges (petroleum- based) (251)	2016

It is unknown how the above-mentioned registerable wastes were historically stored and managed on the above-noted adjacent/neighbouring properties. However, at the time of the site visit, observations of the above-noted neighbouring property (where accessible/visible) 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, and the distance (approximately 195 m northwest) from the Phase One Property of the above-noted neighbouring property, it is unlikely that the historical generation of registerable wastes at the above-noted neighbouring property represents a potential environmental concern to the Phase One Property.

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 represents a potential environmental concern to the Phase One Property.

3.2.5 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 immediate adjacent/neighbouring properties in all directions of the Phase One Property.

Phase One Property

Water Well Information System (WWIS) Database:

- Two domestic water supply water wells were listed on the Phase One Property, within the Phase One Study Area. A summary of the well records indicated the following:
    - The wells were reportedly installed in 1954 and 1955; and
    - The well depths were reportedly 12.2 m bgs and 18.6 m bgs.

Adjacent/Neighbouring Properties within the Phase One Study Area

Certificates of Approval (CA) Database:

- According to the ERIS Report, the east side of the intersection of Sixth Line and Dundas Street East (approximately 115 m southeast of the Phase One Property, in an assumed down/cross-gradient location) was registered for municipal sewage under the CA database in 1999.

Based on the nature of the above-noted operation, the distance (approximately 115 m southeast) from the Phase One Property of the above-noted neighbouring property, and the assumed down/cross-gradient location of the above-noted neighbouring property, it is unlikely that the above-noted record represents a potential environmental concern to the Phase One Property.

Environmental Activity and Sector Registry (EASR) Database:

- According to the ERIS Report, the neighbouring property located at 1 Sixteen Mile Drive (approximately 210 m northwest (across Sixteen Mile Drive) of the Phase One Property, in an assumed up/cross-gradient location) was registered for water taking and dewatering in accordance with Section 20.21(1)(a) of the EPA under the EASR database in 2017.

Based on the nature of the above-noted operation and the distance (approximately 210 m) of the above-noted record to the Phase One, it is unlikely that the above-noted record represents a potential environmental concern to the Phase One Property.

Environmental Compliance Approval (ECA) Database:

- According to the ERIS Report, the property located at 3058 Sixth Line (assumed to be located approximately 30 m southwest (across Sixth Line) of the Phase One Property, in an assumed up/cross-gradient location) was registered for the construction of sanitary sewers in accordance with Section 20.2 of Part II.1 of the EPA, R.S.O. 1990, c.E. 19 (EPA) under the ECA database in 2017.

Based on the nature of the above-noted operation, it is unlikely that the above-noted record represents a potential environmental concern to the Phase One Property.

Ontario Regulation 347 Waste Generators Summary (GEN) Database:

A neighbouring property was listed in the GEN database as a historical generator of registerable wastes. Information associated with this record identified in the GEN database for this neighbouring property has been reviewed and summarized in Table 6 accordingly.

Table 6 - Summary of GEN report records for the Adjacent/Neighbouring Properties

Generator Number	Generator Name	Location	Assumed Groundwater Direction	Waste Information	Year
ON6975024	North Terra Construction	3130 Sixth Line (approximately 195 m northwest (across Sixteen Mile Drive) of the Phase One Property)	Up/cross-gradient	Light fuels (221); and Waste oils/ sludges (petroleum- based) (251)	2016

It is unknown how the above-mentioned registerable wastes were historically stored and managed on the above-noted adjacent/neighbouring properties. However, at the time of the site visit, observations of the above-noted neighbouring property (where accessible/visible) 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, and the distance (approximately 195 m northwest) from the Phase One Property of the above-noted neighbouring property, it is unlikely that the historical generation of registerable wastes at the above-noted neighbouring property represents a potential environmental concern to the Phase One Property.

Ontario Spills (SPL) Database:

- According to the ERIS Report, the southbound portion of the intersection of Sixth Line and Dundas Street East (approximately 135 m southeast of the Phase One Property, in an assumed down/cross-gradient location) was registered in the SPL database for a spill of an unquantified amount of diesel fuel in 2003;
- According to the ERIS Report, the neighbouring property located at 42 Wheat Boom Drive (approximately 230 m north of the Phase One Property, in an assumed cross-gradient location) was registered in the SPL database for a 2" pipeline strike causing a methane leak in 2017;
- According to the ERIS Report, the neighbouring property located at 3024 Parsonage Crescent (approximately 230 m northeast of the Phase One Property, in an assumed cross-gradient location) was registered in the SPL database for a spill of approximately 100 L of transformer oil in 2018. This spill was reportedly contained and there were was no field response from the Ontario MECP.

Based on a review of the above-noted records and the distances (135 m to 230 m) from the Phase One Property of the above-noted spills, it is unlikely that the above-noted records represents a potential environmental concern to the Phase One Property.

Water Well Information System (WWIS) Database:

- A total of 16 domestic/commercial water supply wells and abandoned 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 reportedly installed between 1952 and 2018; and

- The wells depths reportedly ranged from 3.7 m bgs to 20.7 m bgs.

3.2.6 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 the National Air Photo Library (through ERIS), Hunting Survey Corporation Limited (through ERIS), Maxar (through ERIS) and Google Earth Images for the years 1934, 1954, 1965, 1979, 1985, 2004, 2005, 2006, 2007, 2009, 2013, 2014, 2015, 2016, 2017 and 2018. Aerial photographs for the years 1934, 1954, 1965, 1979, 1985, 2005 and 2015 are provided in Appendix G 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 7 below summarizes the information from the review of relevant aerial photographs.

Table 7 - Summary of Aerial Photography

Year of Photograph	Findings for Phase One Property and Adjacent/Neighbouring Properties	
2018	Phase One Property:	The Phase One Property appeared to be developed with the current Subject Building.
	Northwest:	The adjacent property located to the northwest of the Phase One Property appeared to be an agricultural/undeveloped property.
	Northeast:	The adjacent property located to the northeast of the Phase One Property appeared to be an agricultural/undeveloped property, with a manmade drainage pond further to the northeast.
	Southeast:	The adjacent property located to the southeast of the Phase One Property appeared to be developed with two buildings similar in size and configuration to the current institutional buildings at this adjacent property.
	Southwest:	The immediate neighbouring property located to the southwest (across Sixth Line, to the northwest of Kaitting Trail) of the Phase One Property appeared to be developed with a multi-tenant residential townhouse complex and the immediate neighbouring property located to the southwest (across Sixth Line, to the southeast of Kaitting Trail) of the Phase One Property appeared to be an agricultural/undeveloped property, with a manmade drainage pond further to the southwest.

Year of Photograph	Findings for Phase One Property and Adjacent/Neighbouring Properties	
2005	Phase One Property:	The Phase One Property appeared to be developed with the current Subject Building and an inferred barn located to the north of the Subject Building.
	Northwest and Southeast:	The adjacent properties located to the northwest and southeast of the Phase One Property appeared to be similar to that observed in the 2018 aerial photograph.
	Northeast:	The adjacent property located to the northeast of the Phase One Property appeared to be similar to that observed in the 2018 aerial photograph; however, the manmade pond further to the northeast was not observed in this aerial photograph.
	Southwest:	The immediate neighbouring properties located to the southwest (across Sixth Line) of the Phase One Property appeared to be developed with two single-family residential dwellings. Furthermore, Kaitting Trail and the manmade drainage pond were not observed in this aerial photograph.
1985	Phase One Property:	The Phase One Property appeared to be occupied by the original, single-storey portion of the Subject Building and an inferred barn to the north of the Subject Building.
	Northwest:	The adjacent property located to the northwest of the Phase One Property appeared to be an agricultural property.
	Northeast:	The adjacent property located to the northeast of the Phase One Property appeared to be an agricultural property.
	Southeast:	The adjacent property located to the southeast of the Phase One Property appeared to be similar to that observed in the 2005 aerial photograph; however, the building further to the southeast was not observed.
	Southwest:	The immediate neighbouring properties located to the southwest (across Sixth Line) of the Phase One Property appeared to be similar to that observed in the 2005 aerial photograph.
1979	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1985 aerial photograph.
	Northwest, Northeast, Southeast and Southwest:	The immediate adjacent/neighbouring properties located to the northwest, northeast, southeast and southwest (across Sixth Line) of the Phase One Property appeared to be similar to that observed in the 1985 aerial photograph.
1965	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1979 aerial photograph.
	Northwest, Northeast and Southwest:	The immediate adjacent/neighbouring properties located to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property appeared to be similar to that observed in the 1979 aerial photograph.
	Southeast:	The adjacent property located to the southeast of the Phase One Property appeared to be similar to that observed in the 1979 aerial photograph; however, there was a different building observed on the southeast portion of this adjacent property.
1954	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1965 aerial photograph.
	Northwest, Northeast and Southeast:	The adjacent properties located to the northwest, northeast and southeast of the Phase One Property appeared to be similar to that observed in the 1965 aerial photograph.

Year of Photograph	Findings for Phase One Property and Adjacent/Neighbouring Properties	
	Southwest:	The immediate neighbouring properties located to the southwest (across Sixth Line) of the Phase One Property appeared to be agricultural properties.
1934	Phase One Property:	The Phase One Property appeared to be similar to that observed in the 1954 aerial photograph.
	Northwest, Northeast, Southeast and Southwest:	The immediate adjacent/neighbouring properties located to the northwest, northeast, southeast and southwest (across Sixth Line) of the Phase One Property appeared to be similar to that observed in the 1954 aerial photograph.

The earliest available aerial photograph with coverage of the Phase One Study Area was from 1934, which indicated that the Phase One Property was developed with the original, single-storey portion of the Subject Building and a barn to the north of the Subject Building. According to the 1931 aerial photograph, the immediate adjacent/neighbouring properties located to the northwest, northeast and southwest of the Phase One Property appeared to be developed as agricultural properties and the adjacent property located to the southeast of the Phase One Property appeared to be developed as an institutional property at that time. According to the 1979 aerial photograph, the immediate neighbouring properties located to the southwest (across Sixth Line) of the Phase One Property appeared to be redeveloped as two single-family residential dwellings at that time. According to the 2018 aerial photograph, the barn located to the north of the Subject Building was deconstructed/removed, the adjacent agricultural properties located to the northwest and northeast of the Phase One Property appeared to be agricultural/undeveloped properties (with a manmade pond on the northeast portion of the adjacent property located to the northeast), one of the immediate neighbouring properties located to the southwest (across Sixth Line, northwest of Kaitting Trail) appeared to be redeveloped as a multi-tenant residential property and the other immediate neighbouring property located to the southwest (across Sixth Line, southeast of Kaitting Trail) appeared to be redeveloped as an agricultural/undeveloped property with a manmade pond on the southwest portion of this neighbouring property at that time.

According to discussions with Mr. Plata and aerial photographs from 1934, 1954, 1965, 1979, 1985, 2004, 2005, 2006, 2007, 2008, 2009, 2013, 2015 and 2015, a barn was historically present on the north portion of the Phase One Property from at least 1934 to approximately 2015 (at least 81 years), indicating historical agricultural activities at the Phase One Property. There is the potential that pesticides, herbicides and fertilizers were applied to the Phase One Property as part of these activities. Based on the assumed duration of the historical agricultural activities at the Phase One Property (from at least 1934 to approximately 2015), the potential historical usage of pesticides, herbicides and fertilizers as part of these agricultural activities may represent a potential concern to the Phase One Property.

3.3.2 Topography, Hydrology, and Geology

Topography

Topographic information obtained from Google Earth, showed the site elevation to range from approximately 172 m to 174 m above mean sea level (amsl). The ground surface at the Phase One Property was generally visually noted to be flat, and surface water at the Phase One Property was assumed to infiltrate into the on-site landscaped and overgrown vegetation areas; and to drain towards off-site catch basins, which reportedly discharged to the municipal storm sewer system. It should be noted that the immediate adjacent/neighbouring properties located to the northwest, southeast and southwest (across Sixth Line) of the Phase One Property visually appeared to be generally at the same elevation as the Phase One Property, while the adjacent property located to the northeast of the Phase One Property visually appeared to be generally at a lower elevation than the Phase One Property.

Hydrology

The shallow horizontal groundwater flow direction in the area, based on apparent topography, was likely east towards an unnamed tributary which leads towards Lake Ontario, located approximately 20 m northeast 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.

Geology

Based on available surficial geology maps, accessed using Google Earth, the native surficial soils in the vicinity of the Phase One Property, are reportedly predominantly comprised of clay to silt-textured till. Available geology maps (Ontario Geological Survey (OGS) database "Surface Geology Report") indicated that the Phase One Study Area is comprised of silty clay to clayey silt diamicton.

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 18 water well sites were located within 300 m of the Phase One Property. WWIS Well ID No. 2802124, a domestic water well, was reportedly advanced on September 28, 1955, on the Phase One Property, UTM Co-ordinates Northing – 4814948, Easting – 602642.6). 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 domestic water well was reportedly advanced to a depth of 18.6 m bgs and consisted of the following stratigraphy:

- Native clay (0.0 m) to a reported depth of approximately 4.6 m bgs; and
- Red shale from a reported depth of 4.6 m bgs to a reported depth of approximately 18.6 m bgs (the maximum extent of the observation/monitoring well).

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 Queenston Formation. According to information provided in the ERIS report, bedrock was encountered at a reported depth of 4.6 m bgs in WWIS Well ID No. 2802124, a domestic water advanced on the Phase One Property on September 28, 1955.

3.3.3 Fill Materials

At the time of the site reconnaissance, fill materials in the form of imported topsoil were observed to be straddling the southeast and west property boundaries of the Phase One Property. Additionally, 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). It is possible that the unknown environmental quality of these fill materials represents an environmental concern to the Phase One Property.

Due to the inherent nature of properties immediately adjacent to roadways and the common use of road salt during the winter months, it is possible that the application of road salt along Sixth Line represents an environmental concern to the Phase One Property. However, as road salt on these roads were applied for the purposes of keeping these streets safe for traffic under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are provided for under Paragraph 1 of Section 49.1 of *O. Reg. 153/04, 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 developing portion of the Town of Oakville. The Town of Oakville 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:

- The closest water body to the Phase One Property, an unnamed tributary which leads towards Lake Ontario, is located approximately 20 m northeast of the Phase One Property;
- 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 Well ID No. 2802124, a domestic water well, was reportedly advanced on September 28, 1955, on the Phase One Property, UTM Co-ordinates Northing –

4814948, Easting – 602642.6). 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 18.6 m bgs and consisted of the following stratigraphy:

- Native clay (0.0 m) to a reported depth of approximately 4.6 m bgs; and
- Red shale from a reported depth of 4.6 m bgs to a reported depth of approximately 18.6 m bgs (the maximum extent of the observation/monitoring well).

3.3.6 Site Operating Records

The Phase One Property was assumed to be used for agricultural/residential purposes prior to the reported development of the current Phase One Property and Subject Building in approximately the late 1860s. Furthermore, according to aerial photographs from 1934, 1954, 1965, 1979 and 1985 and discussions with Mr. Plata, an agricultural barn was historically present on the Phase One Property at those times. 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. Duane Plata (Vice President) of 3043 Sixth Line Inc. was interviewed by Mr. Nico Vujic of S2S during the site reconnaissance on September 1, 2020.

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 8 - Summary of Interview Details

Name of Person Interviewed and Name of Company	Position	Interview Details (Date, Place, Method)	Relevant Information from Interview
Mr. Duane Plata of 3043 Sixth Line Inc.	Vice President	Interviewed during the site reconnaissance on September 1, 2020, for information pertaining to the Phase One Property operations and possible historical knowledge.	Mr. Plata provided an overview of current and historical operations at the Phase One Property, including heating methods, chemical use/storage, and information on current and previous tenants.

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 September 1, 2020 by Mr. Nico Vujic of S2S, under the supervision of Mr. George Missios, P. Eng., a Qualified Person as defined by *O. Reg. 153/04, as amended*. The weather was partly cloudy, and the ambient temperature was approximately 27°C on September 1, 2020. The S2S representative was accompanied by Mr. Duane Plata (Vice President) of 3043 Sixth Line Inc. at the time of the site reconnaissance.

S2S was permitted to access the basement of the Subject Building, the entire first floor area of the Subject Building, and the common hallway and one of the four bedrooms on the second floor of the Subject Building. Based on discussions with Mr. Plata, the accessed bedroom was representative of the four bedrooms in the Subject Building. Additionally, all of the exterior areas of the Phase One Property were available to S2S for inspection. It should be noted that the roof sections of the Subject Building were not assessed by S2S due to safety concerns at time of the site visit.

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 and neighbouring 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

At the time of the site reconnaissance, the Phase One Property (municipally addressed as 3043 Sixth Line) was occupied by a split-level (single-storey in the northeast portion and two-storey in the southwest portion) multi-tenant residential building with a dug-out basement beneath the kitchen of the building (Subject Building). The Subject Building consisted of four residential tenant units. At the time of reconnaissance, the Phase One Property was reportedly owned and managed by Mr. Duane Plata and Ms. Fleur Mosler operating as 3043 Sixth Line Inc.

A summary of pertinent information on the Phase One Property is presented below in Table 9.

Table 9 - 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 Sixth Line, located on the southwest portion of the Phase One Property.
Landscaped Areas	Landscaped areas were generally present on all sides of the Subject Building and along portions of all of the property boundaries of the Phase One Property.
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, water lines and a septic tank may traverse the Phase One Property.
Potable/Non-Potable Water Sources	Potable water in the Phase One Study Area is provided by the Town of Oakville which is obtained from Lake Ontario. No potable water wells were identified at the Phase One Property. It should be noted that a historical domestic water wells, WWIS Well ID Nos. 2802118 and 2802124, was reportedly advanced on September 17, 1954 and September 28, 1955, respectively, on the Phase One Property; however, these domestic water wells were not observed at the time of the site reconnaissance. It should be noted that based on discussions with Mr. Plata, there was a cistern on the southwest portion of the Phase One Property which reportedly historically held water for irrigation purposes.
Subject Building	
Number of Storeys	Split-level (single-storey in the northeast portion and two-storey in the southwest portion).
Basement or Below Grade Structures	Dug-out basement beneath the kitchen of the Subject Building.
Foundation Walls	Stone foundation walls on the original portion of the Subject Building and poured concrete foundation walls on the lateral addition on the northeast portion of the Subject Building.
Roof	Pitched roof with asphalt shingles.
Heating Systems (Existing and Former Heating Systems: Type and Fuel Source)	The Subject Building is currently heated by electric baseboard heaters. It is unknown how the Subject Building was historically heated.
Cooling Systems (Existing and Former Cooling Systems: Type and Fuel Source)	Tenant-owned window-mounted air-conditioning units.

Phase One Property	
Drains, Pits, Sumps (Use and Former Use)	At the time of the site reconnaissance, one sump pump in a sump pit was observed in the basement of the Subject Building.

On- Site Operations:

At the time of the site visit, the Subject Building was occupied by four residential tenant units. Based on discussions with Mr. Plata, there was a septic tank on the northeast portion of the Phase One Property which was reportedly serviced annually by Broughton's Pumping Service.

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. Based on the available information to-date, it is unlikely that there is significant adverse environmental contaminant impact to the Phase One Property from historical USTs or ASTs.

Chemicals located at the Phase One Property (as observed in the accessed areas) primarily consisted of janitorial and maintenance supplies, and were stored in containers that were 20 L in size or smaller (or bags that were 25 kg in size or smaller) and located in the kitchen of the Subject Building. There was no obvious visual evidence of significant spills, leaks, stains or cracks in the vinyl floor tiles in the vicinity of the above noted chemical storage areas.

Based on the above observations, it is unlikely that there is significant adverse environmental contaminant impact to the Phase One Property from the current chemical handling/storage at the Phase One Property.

5.2.3 Fill Materials

At the time of the site reconnaissance, fill materials in the form of imported topsoil were observed to be straddling the southeast and west property boundaries of the Phase One Property. Additionally, 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). It is possible that the unknown environmental quality of these fill materials represents an environmental concern to 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. It should be noted that based on discussions with Mr. Plata, there was a cistern on the southwest portion of the Phase One Property which reportedly historically held water for irrigation purposes.

5.2.6 Waste Materials

There was no evidence of the generation of hazardous wastes at the Phase One Property at the time of the site reconnaissance. Waste materials generated at the Phase One Property reportedly consisted of typical residential wastes (solid, non-hazardous wastes) including cardboard, plastic and other recyclable materials. The residential wastes were stored in plastic waste bins and plastic waste bags and were located in the kitchen and front porch of the Subject Building before being transferred to roadside for weekly removal from the Phase One Property. The waste materials were reportedly removed from the Phase One Property by licensed waste haulers including the Town of Oakville on a weekly basis.

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 Stain Areas

The interior floors of the Subject Buildings, in the accessed areas, were observed to be generally vinyl floor tiles, laminated wood and parquet. These floor areas were visually noted to be in good condition.

At the time of the site reconnaissance, no obvious visual evidence of significant staining or spills was observed in the accessed areas of the Subject Building and on the exterior 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

Based on the areas accessed, process wastewater was not reported to be produced as part of the on-site operations. General wastewater discharge consisted of kitchenette and washroom wastewater which was reportedly discharged to the municipal sanitary system.

A sump pump in a sump pit was observed in the basement of the Subject Building. No odours were evident and no visual evidence of sheen was observed/reported in the sump pit.

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

No sources of air emissions that are suspected to result in significant residual contamination to the property were identified to be present on the Phase One Property.

5.2.10 **PCBs**Error! Bookmark not defined.

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 10 - 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

Based on the construction dates (approximately the late 1860s and approximately the late 1980s) of the original portion and reported lateral addition of the Subject Building, it is possible that electrical equipment containing PCBs is present in the Subject Building. An undetermined number

of fluorescent light fixtures were present at the Phase One Property. An off-site concrete pad-mounted transformer was observed to the southwest (across Sixth Line) of the Phase One Property. No obvious visual evidence of significant spills or staining was identified in the vicinity of the transformer.

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

Possible friable ACMs present within the Subject Building may include vermiculite fill insulation (usually present within the voids of cinder block walls), acoustical plaster, textured material, pipe insulation, mechanical insulation, parging cement on pipe elbows, joint tape on rain water leaders and acoustic ceiling tiles. Possible non-friable ACMs present within the Subject Building may include drywall with suspect asbestos containing drywall joint compound, vinyl floor tiles, mastic, cement (Transite) products, roofing materials, gasket materials (usually observed within "bells and spigots" style steel water drainage pipe connections) and caulking.

Based on the construction date (approximately the late 1860s) of the original portion of the Subject Building, it is possible that ACMs are present in the building materials. Suspect friable ACMs observed included plaster walls and ceilings within the Subject Building. No other suspect friable ACMs were observed within the accessed areas of the Subject Building. Suspect non-friable ACMs observed within the Subject Building included drywall with suspect asbestos containing drywall joint compound, vinyl floor tiles and caulking. No Transite materials were observed at the time of the site visit.

At the time of the site reconnaissance, the suspect ACM materials observed in the accessed areas were generally noted by S2S to be in fair to good condition. One damaged vinyl floor tile was observed in the kitchen of the Subject Building. It is recommended that this vinyl floor tile be repaired or replaced. Based on discussions with the site representative, an asbestos survey had not been completed for the Phase One Property in accordance with O. Reg. 278/05.

In accordance with O. Reg. 278/05, an asbestos survey should be conducted on building(s) that are known or suspected to have ACMs and if asbestos is found to be present, an asbestos management plan should be implemented. Furthermore, where ACMs are in poor or deteriorated condition and

potential human health risks exists due to exposure, appropriate abatement measures should be taken in accordance with O. Reg. 278/05.

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 the original portion of the Subject Building was in existence during the period from 1970 to 1980, it is possible that UFFI may be present at the Phase One Property. However, evidence of UFFI was not observed in the accessed areas during the site visit. It should be noted that the assessment for UFFI was not exhaustive and analyses were not performed to confirm the absence of UFFI.

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).

Based on the construction dates (approximately the late 1860s and approximately the late 1980s) of the original portion and reported lateral addition of the Subject Building, it is possible that lead is present in paint. Visual observations (where possible) did not indicate the presence of peeling paint in the accessed areas of the Subject Building.

There were no environmental concerns noted with respect to lead in the accessible areas of Phase One Property. Prior to any renovations and/or building demolition activities, a DSS should be undertaken to determine if any of the paint to be disturbed is lead containing.

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.

Sources of ODSs present on the Phase One Property were likely limited to minor quantities of refrigerant within tenant-owned window-mounted air-conditioning units and in the Client-owned refrigerator within the Subject Building.

Inquiries made with Mr. Plata indicated that there were no reported leaks associated with the above noted equipment. Furthermore, visual observations in the accessed areas during the site reconnaissance did not indicate leaks or damage associated with the visually observed on-site sources of ODSs.

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, approximately 4.9 % of the surveyed homes in the Halton Region have radon gas levels above Health Canada's guideline (200 Becquerels per cubic metre (Bq/m^3)). A site-specific radon testing would be required to confirm radon gas levels, if any, in the Subject Building.

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

There was no obvious visual evidence of suspect mould growth or apparent water damage on visible interior building materials in the accessed areas of the Subject Building.

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.

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 Use – Adjacent/Neighbouring Properties

The Phase One Property was surrounded by agricultural/undeveloped properties to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property, a community property (Munn's United Church) to the southeast of the Phase One Property and a multi-tenant residential townhouse building to the southwest (across Sixth Line) of the Phase One Property.

It is unknown how the immediate 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 immediate 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 immediate 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 use, 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 consisted of a multi-tenant residential property, municipally addressed as 3043 Sixth Line in Oakville, Ontario. S2S conducted this Phase One ESA in support of a Site Plan Application with the Region; 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 September 1, 2020 by Mr. Vujic of S2S under the supervision of Mr. George Missios, P.Eng., a Qualified Person as defined by *O. Reg. 153/04, as amended*. The S2S representative was accompanied by Mr. Plata at the time of the site reconnaissance. The findings of S2S's site reconnaissance and interviews are found throughout Section 5.2 of this report.

Specific observations at the Phase One Property at the time of the site reconnaissance that indicated the potential presence of an on-site PCA in the form of fill material in the form of imported topsoil straddling the southeast and west property boundaries of the Phase One Property. The potential application of these fill materials may represent a potential concern to the Phase One Property.

Additional on-site PCAs resulting in APECs on the Phase One Property were associated with the potential historical importation of fill material of unknown quality to the Phase One Property at the time of development, demolition of the barn, and addition to the Subject Building; and the potential historical usage of pesticides, herbicides and fertilizers associated with historical agricultural activities.

Based on the findings of this Phase One ESA, a Phase Two ESA is required at the Phase One Property prior to a Site Plan Application. 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

Error! Bookmark not defined.

At the time of the site reconnaissance, the Phase One Property was a multi-tenant residential property, municipally addressed as 3043 Sixth Line. 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 Crown ownership (prior to 1807) is presented below in Table 11:

Table 11 - 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.
24929-5379 (LT)				
2011 to the Present	Fleur Mosler and Duane Plata	From 2016 to the present: Multi-Tenant Residential Subject Building	Multi-Tenant Residential	2016, 2017 and 2018 Aerial Photographs and visual observations at the time of the site reconnaissance: The Phase One Property was renovated as a multi-tenant residential property with the current Subject Building and no barn on the Phase One Property.
		Prior to 2016: The entire Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	2013, 2014 and 2015 Aerial Photographs: The Phase One Property appeared to be developed with the entire Subject Building and a barn to the north of the Subject Building.
1984 to 2011	Cheryl Ann Titus and Stephen Robert William Titus	From 2004 and after: The entire Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	2004, 2005, 2006, 2007 and 2009 Aerial Photographs: The Phase One Property appeared to be developed with the entire Subject Building and a barn to the north of the Subject Building
		Prior to 1985 to 2004: Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	1985 Aerial Photograph: The Phase One Property appeared to be developed with the original portion of the Subject Building and a barn to the north of the Subject Building. 1985, 1990, 1995 and 2001 City Directories: The Phase One Property was listed a residential property.
1974 to 1984	Adrija Kupec and Marija Kupec	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	1975 and 1981 City Directories: The Phase One Property was listed as a residential property.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1974	Hertel Leibovici and Frieda Leibovici	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs. However, since there was no observed property use change from 1965 to 1985, it was assumed that the property use remained the same during this time period.
1959 to 1974	Anand Van Der Steen and Jacoba Van Der Steen	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	1965 Aerial Photograph: The Phase One Property appeared to be developed with the original portion of the Subject Building and a barn to the north of the Subject Building. 1971 City Directories: The Phase One Property was listed as a residential property.
1959	Terje Postma and Sylvia Postma	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs. However, since there was no observed property use change from 1954 to 1965, it was assumed that the property use remained the same during this time period.
1952 to 1959	Goswin De Roer and Abbe De Roer	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	1954 Aerial Photograph: The Phase One Property appeared to be developed with the original portion of the Subject Building and a barn to the north of the Subject Building.
1950 to 1952	Laura Yetman	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs. However, since there was no observed property use change from 1934 to 1954, it was assumed that the property use remained the same during this time period.
1916 to 1950	George Edward Long Jr.	Original portion of Subject Building and barn to the north of the Subject Building	Residential/ Agricultural	1934 Aerial Photograph: The Phase One Property appeared to be developed with the original portion of the Subject Building and a barn to the north of the Subject Building.
1891 to 1916	Barbara Esther Long (Estate of George Long Sr.)	Original portion of Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs.
1890 to 1891	Benjamin Freeman and Wife	Original portion of Subject Building	Residential/ Agricultural	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.
1881 to 1890	Louis Pope and Wife	Original portion of Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs.
1870 to 1881	Emily Cline and Hiram Cline	Original portion of Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs.
1855 to 1870	Jordan Munnie and William Downs	Original portion of Subject Building	Residential/ Agricultural	No available aerial photographs, city directories or FIPs.
1855	Robert Harper	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1855	John Terry	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1853 to 1855	Jordan Munnie	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1847 to 1853	Hugh Hannah	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1841 to 1847	Jordan Munnie	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1841	Daniel Munnie (Estate of Millicent Munnie)	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1823 to 1841	Millicent Munnie (Estate of John Robinson)	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
1807 to 1823	John Robinson	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.
Prior to 1807	Crown Lands	Undeveloped	Agricultural or other use	No available aerial photographs, city directories or FIPs.

As per the above table, the earliest record for the Phase One Property was the 1934 aerial photograph, which indicated that the Phase One Property was developed as a residential/agricultural with the original portion of the Subject Building and a barn to the north of the Subject Building at that time. Based on discussions with Mr. Plata and a 2004 aerial photograph, an addition was completed to the northeast portion of the Subject Building in approximately the late 1980s. Furthermore, based on discussions with Mr. Plata and 2015 and 2016 aerial photographs, the barn was deconstructed and removed in approximately 2015.

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:

- Item #30 - Importation of Fill Material of Unknown Quality; and
- Item #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.

The above-noted PCAs are based on the following discussion:

- PCA 1 - *Importation of Fill Material of Unknown Quality*. Based on the estimated age (approximately 130 years old in 2020) of the Phase One Property and the fact that the Phase One Property was redeveloped to include an addition to the Subject Building in approximately the late 1980s and demolition of the barn in approximately 2015, there is the potential of historical importation of fill material of unknown quality to the Phase One Property at the time of first development and addition to the Subject Building as well as the demolition of the barn. Furthermore, based on the presence of fill material in the form of imported topsoil straddling the southeast and west property boundaries of the Phase One Property at the time of our site reconnaissance, the potential historical and the current application of fill materials may represent a potential concern to the Phase One Property; and

- PCA 2 - *Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications*. According to discussions with Mr. Plata and aerial photographs from 1934, 1954, 1965, 1979, 1985, 2004, 2005, 2006, 2007, 2008, 2009, 2013, 2015 and 2015, a barn was historically present on the north portion of the Phase One Property from at least 1934 to approximately 2015 (at least 81 years), indicating historical agricultural activities at the Phase One Property. There is the potential that pesticides, herbicides and fertilizers were applied to the Phase One Property as part of these activities. Based on the assumed duration of the historical agricultural activities at the Phase One Property (from at least 1934 to approximately 2015), the potential historical usage of pesticides, herbicides and fertilizers as part of these agricultural activities may represent a potential concern to 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 12 (also shown on the Phase One ESA CSM Drawings No. 2 and 3 in Appendix A).

Table 12 - Areas of Potential Environmental Concern

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	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Entire Phase One Property	**PCA 1:** #30 - Importation of Fill Material of Unknown Quality *(Fill materials may have been applied at various locations when the Phase One Property was in the process of first being developed, redeveloped or during re-configuration of parking and landscaped areas)*	On-site	PAHs, Metals, As, Sb, Se, Cr(VI), Hg, CN-, B-HWS, EC, SAR[1]	Soil
				PAHs, Metals, As, Sb, Se, Cr(VI), Hg, CN-, B-HWS, Na, Cl-[1]	Groundwater
APEC 2	Entire Phase One Property	**PCA 2:** #40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications *(Potential historical applications of pesticides, herbicides and fertilizers associated with the historical agricultural usage*	On-site	OCs, Metals[1]	Groundwater and soil

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	Media Potentially Impacted (Groundwater, soil and/or sediment)
		of the Phase One Property)			

Notes:
1- The acronyms noted above indicate the following contaminants of potential concern: Polycyclic aromatic hydrocarbons (PAHs); organochlorine pesticides (OCs); 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); sodium (Na); and chloride (Cl-).

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

At the time of the site reconnaissance, the Phase One Property was located on the northeast side of Sixth Line in the Halton Region, approximately 115 m northwest of the intersection of Dundas Street East and Sixth Line. At the time of the site reconnaissance, the Phase One Property (municipally addressed as 3043 Sixth Line) was occupied by a split-level (single-storey in the northeast portion and two-storey in the remaining portions) multi-tenant residential building with a dug-out basement beneath the kitchen of the building (Subject Building). The original portion of the Subject Building was reportedly constructed in approximately the late 1860s, with a reported lateral addition to the northeast portion of the Subject Building in approximately the late 1980s. The Subject Building consisted of four residential apartment units. Vehicular access to the Phase One Property was from an asphalt paved driveway off Sixth Line, located on the southwest side of the Phase One Property. Asphalt paved surface parking and driveway areas were observed on the northeast, east and southeast sides of the Subject Building. Landscaped areas were generally present on all sides of the Subject Building and along portions of all of the boundaries of the Phase One Property. The total floor area of the Subject Building was reportedly approximately 310 m^2 (3,337 ft^2), and the Phase One Property had a reportedly total area of approximately 0.3 hectares (0.8 acres). The Property Identification Number (PIN) for the Phase One Property is 24929-5379 (LT). At the time of reconnaissance, the Phase One Property was reportedly owned and managed by Mr. Duane Plata and Ms. Fleur Mosler operating as 3043 Sixth Line Inc.

The Phase One Study Area and the Phase One Property are situated in a developing portion of the Town of Oakville. The Town of Oakville 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:

- The closest water body to the Phase One Property, an unnamed tributary which leads towards Lake Ontario, is located approximately 20 m northeast of the Phase One Property;
- 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.

The Phase One Property was surrounded by agricultural/undeveloped properties to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property, a community property (Munn's United Church) to the southeast of the Phase One Property and a multi-tenant residential townhouse building to the southwest (across Sixth Line) 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 - *Importation of Fill Material of Unknown Quality*. Based on the estimated age (approximately 130 years old in 2020) of the Phase One Property and the fact that the Phase One Property was redeveloped to include an addition to the Subject Building in approximately the late 1980s and demolition of the barn in approximately 2015, there is the potential of historical importation of fill material of unknown quality to the Phase One Property at the time of first development and addition to the Subject Building as well as the demolition of the barn. Furthermore, based on the presence of fill material in the form of imported topsoil straddling the southeast and west property boundaries of the Phase One Property at the time of our site reconnaissance, the potential historical and the current application of fill materials may represent a potential concern to the Phase One Property; and

- PCA 2 - *Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications*. According to discussions with Mr. Plata and aerial photographs from 1934, 1954, 1965, 1979, 1985, 2004, 2005, 2006, 2007, 2008, 2009, 2013, 2015 and 2015, a barn was historically present on the north portion of the Phase One Property from at least 1934 to approximately 2015 (at least 81 years), indicating historical agricultural activities at the Phase One Property. There is the potential that pesticides, herbicides and fertilizers were applied to the Phase One Property as part of these activities. Based on the assumed duration of the historical

agricultural activities at the Phase One Property (from at least 1934 to approximately 2015), the potential historical usage of pesticides, herbicides and fertilizers as part of these agricultural activities may represent a potential concern to the Phase One Property.

Contaminants of Potential Concern

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

COPCs identified, based on the APECs include PAHs, OCs, and metals including As, Sb, Se, Cr(VI), Hg, CN-, B-HWS, EC, SAR.

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:

- Utility drawings were not available for the Phase One Property; however, utility lines for Enbridge Gas, Alectra Utilities, water lines and a septic tank may traverse the Phase One Property.

Regional or Site Specific Geological and Hydrogeological Information

Topographic information obtained from Google Earth, showed the site elevation to range from approximately 172 m to 174 m above mean sea level (amsl). The ground surface at the Phase One Property was generally visually noted to be flat, and surface water at the Phase One Property was assumed to infiltrate into the on-site landscaped and overgrown vegetation areas; and to drain towards off-site catch basins, which reportedly discharged to the municipal storm sewer system. It should be noted that the immediate adjacent/neighbouring properties located to the northwest, southeast and southwest (across Sixth Line) of the Phase One Property visually appeared to be generally at the same elevation as the Phase One Property, while the adjacent property located to the northeast of the Phase One Property visually appeared to be generally at a lower elevation than the Phase One Property.

The shallow horizontal groundwater flow direction in the area, based on apparent topography, was likely east towards an unnamed tributary which leads towards Lake Ontario, located approximately 20 m northeast 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 available surficial geology maps, accessed using Google Earth, the native surficial soils in the vicinity of the Phase One Property, are reportedly predominantly comprised of clay to silt-textured till. Available geology maps (Ontario Geological Survey (OGS) database "Surface

Geology Report") indicated that the Phase One Study Area is comprised of silty clay to clayey silt diamicton.

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 18 water well sites were located within 300 m of the Phase One Property. WWIS Well ID No. 2802124, a domestic water well, was reportedly advanced on September 28, 1955, on the Phase One Property, UTM Co-ordinates Northing – 4814948, Easting – 602642.6). 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 domestic water well was reportedly advanced to a depth of 18.6 m bgs and consisted of the following stratigraphy:

- Native clay (0.0 m) to a reported depth of approximately 4.6 m bgs; and
- Red shale from a reported depth of 4.6 m bgs to a reported depth of approximately 18.6 m bgs (the maximum extent of the observation/monitoring well).

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 Queenston Formation. According to information provided in the ERIS report, bedrock was encountered at a reported depth of 4.6 m bgs in WWIS Well ID No. 2802124, a domestic water advanced on the Phase One Property on September 28, 1955.

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, due to the inherent nature of properties immediately adjacent to roadways and the common use of road salt during the winter months, it is possible that the application of road salt along Sixth Line represents an environmental concern to the Phase One Property. However, as road salt on these roads were applied for the purposes of keeping these streets safe for traffic under conditions of snow or ice, exemptions for potential road salt impacts to the Phase One Property are provided for under Paragraph 1 of Section 49.1 of *O. Reg. 153/04, 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:

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	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Entire Phase One Property	**PCA 1:** #30 - Importation of Fill Material of Unknown Quality *(Fill materials may have been applied at various locations when the Phase One Property was in the process of first being developed, redeveloped or during re-configuration of parking and landscaped areas)*	On-site	PAHs, Metals, As, Sb, Se, Cr(VI), Hg, CN-, B-HWS, EC, SAR[1]	Soil
				PAHs, Metals, As, Sb, Se, Cr(VI), Hg, CN-, B-HWS, Na, Cl-[1]	Groundwater
APEC 2	Entire Phase One Property	**PCA 2:** #40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications *(Potential historical applications of pesticides, herbicides and fertilizers associated with the historical agricultural usage of the Phase One Property)*	On-site	OCs, Metals[1]	Groundwater and soil

Notes:

1- The acronyms noted above indicate the following contaminants of potential concern: Polycyclic aromatic hydrocarbons (PAHs); organochlorine pesticides (OCs); 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); sodium (Na); and chloride (Cl-).

Based on the findings of this Phase One ESA, a Phase Two ESA will be required at the Phase One Property before Site Plan Application. The specific objectives of the Phase Two ESA 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, where they are located on, in or under the Phase One Property and at what concentrations.

8.0 CLOSURE

This report has been prepared for the sole benefit of 3043 Sixth Line 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 September 1, 2020. 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.

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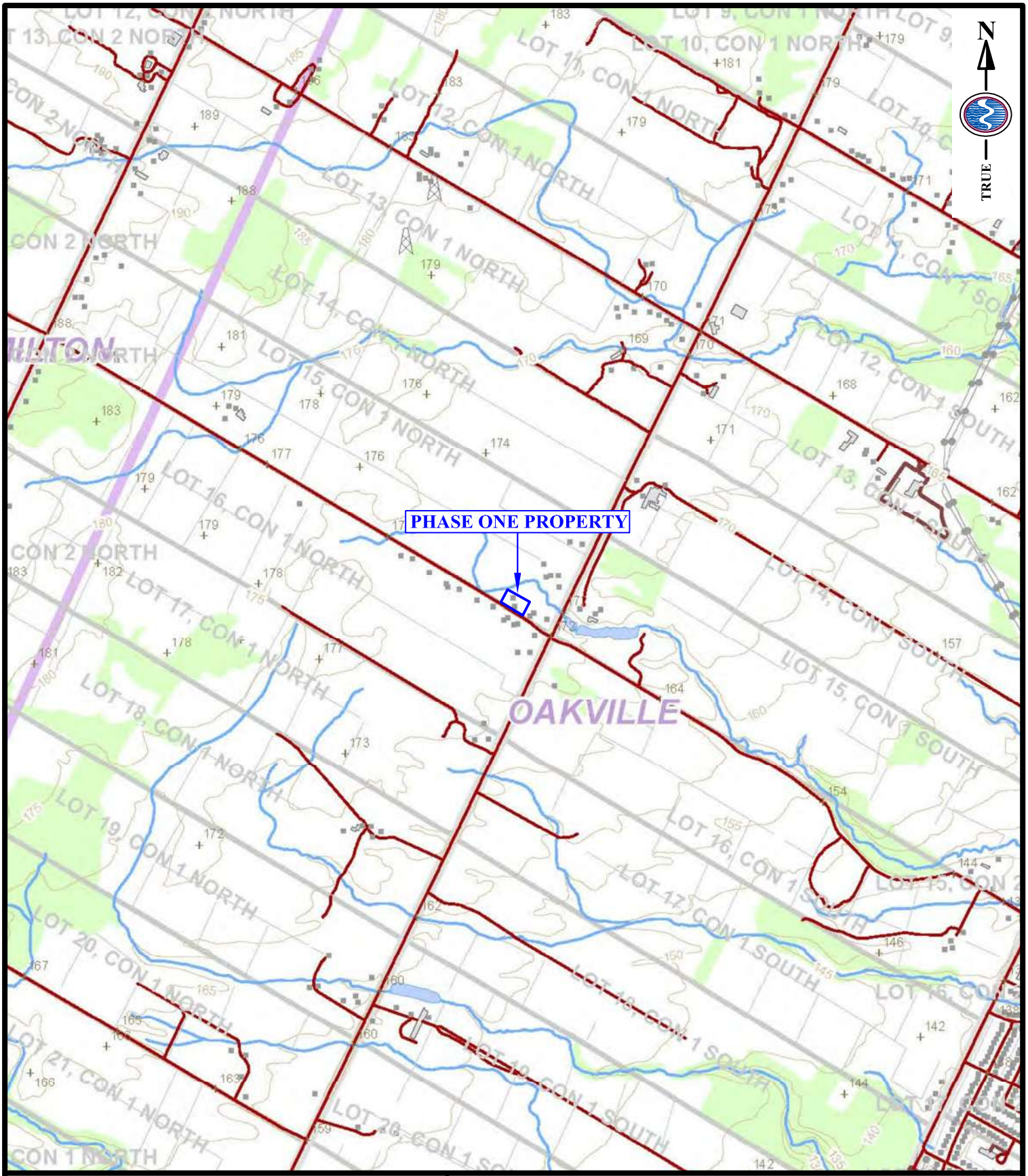
APPENDIX A

DRAWINGS



0 km 0.4 km 0.8 km

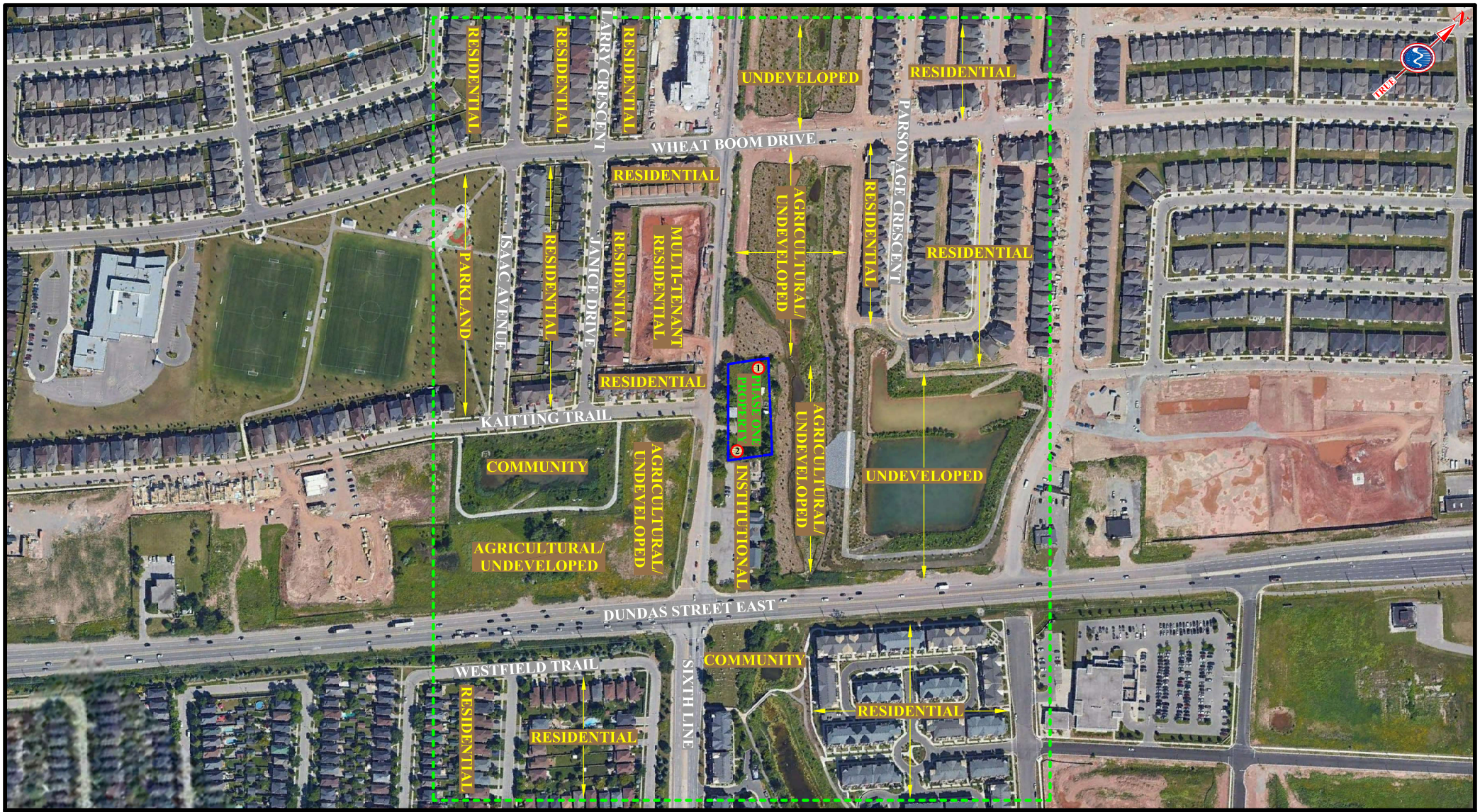
DRAWN BY: YP	DATE: SEP 17, 2020	SCALE: 1:22,000

SITE LOCATION MAP

Ontario Base Mapping (OBM), 2010.
Ontario Ministry of Natural Resources

S2S Environmental Inc.

PROJECT NO:	SITE LOCATION:	DRAWING NO:
9550	3043 SIXTH LINE OAKVILLE, ONTARIO	1



LEGEND

PHASE ONE ASSUMED PROPERTY LINE

PHASE ONE STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITY (PCA)

1. Entire Phase One Property
   30 - Importation of Fill Material of Unknown Quality.
2. Entire Phase One Property
   40 - Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.

NOTE: IMAGERY DATE: JUNE 2018, GOOGLE EARTH

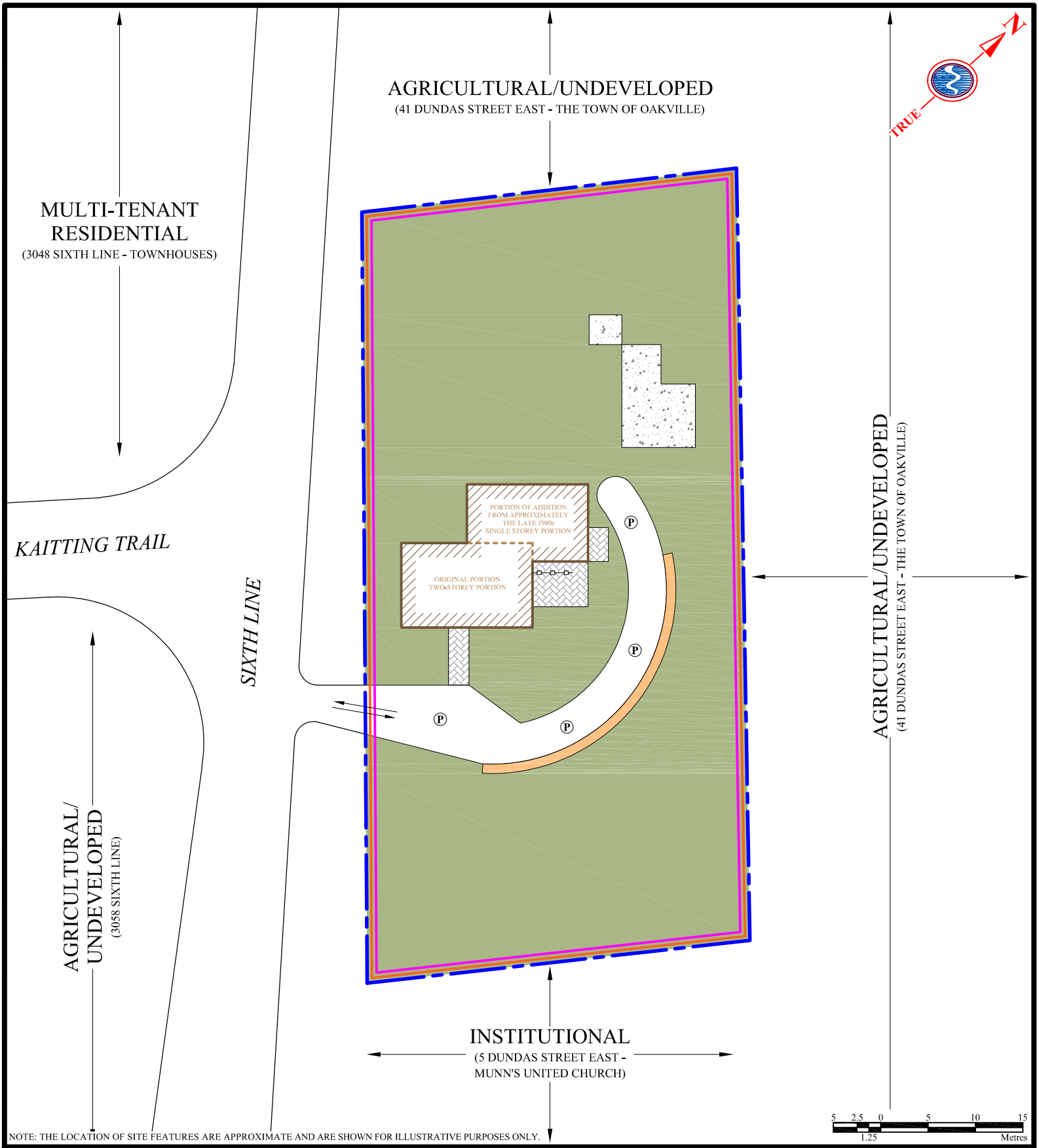
PHASE ONE ESA CONCEPTUAL SITE MODEL

DATE: SEP 17, 2020	DRAWN BY: YP

S2S Environmental Inc.

SCALE: 0m 70m

PROJECT NO:	SITE LOCATION:	DRAWING NO:
9550	3043 SIXTH LINE OAKVILLE, ONTARIO	2



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

LEGEND

- ASSUMED PROPERTY LINE
- SITE ACCESS
- WOODEN FENCE
- (P) ASPHALT PAVED PARKING AND DRIVEWAY
- SUBJECT BUILDING
- INTERLOCKING BRICK WALKWAY
- LANDSCAPED AREA
- CONCRETE PAVED AREA
- WOODEN RETAINING WALL
- AREA OF POTENTIAL ENVIRONMENTAL CONCERN 1 2

S2S Environmental Inc.

SCALE:
AS SHOWN

PROJECT NO:	SITE LOCATION:	DRAWING NO:
9550	3043 SIXTH LINE OAKVILLE, ONTARIO	3

SITE PLAN SHOWING AREAS OF POTENTIAL ENVIRONMENTAL CONCERNS (APECs)

DATE: SEP 28, 2020	DRAWN BY: YP

APPENDIX B

LIST OF PREVIOUS ENVIRONMENTAL REPORTS

LIST OF PREVIOUS ENVIRONMENTAL REPORTS AND RECORDS

- "Plan of Survey of Part of Lot 15, Concession 1 North of Dundas Street, Oakville, Ontario" survey, prepared by J.D. Barnes Limited Land Information Specialists, dated January 26, 2016; and
- "Proposed Site Plan, "Sixth on the Green" – Apartment Building, 3043 Sixth Line, Oakville, Ontario" site plan, prepared by Gren Weis Architect and Associates, dated November 27, 2019.

APPENDIX C

ASSESSOR QUALIFICATIONS

Name: Nico Vujic, B.A.Sc.

Position: Project Scientist

Education/ Courses
B.A.Sc., Chemical Engineering, Queen's University, ON, 2018
Technology, Engineering, and Management, Queen's University, 2018
Bioremediation, Queen's University, 2018
Environmental Biotechnology, Queen's University, 2017
Mitigation of Industrial Pollution, Queen's University, 2017
Biochemical Engineering, Queen's University, 2016

Environmental Site Assessments

- Project Scientist, Phase I Environmental Site Assessments (ESA) for various commercial and residential buildings.
- Conducted detailed reviews of environmental registries, city directories, topographic and geological maps, and pertinent historical information.
- 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 (PCA) for various commercial and residential buildings.
- Conducted visual assessment of property elements and various commercial and residential buildings.
- Evaluated visually the structural elements of buildings and related structures.
- Assessed the conditions of various roofing systems, the exterior and interior walls, floors, ceilings of buildings and paved areas.
- Inspected mechanical and electrical systems on properties from a non-specialist viewpoint. Recommended replacement, reconstruction and/or repair of building elements. Estimated costs for immediate and replacement costs in capital reserve tables for clients.

Name: George Missios, M. Eng., P.Eng., QP$_{ESA}$

Position: Technical Reviewer

Education: **Master of Engineering, Chemical Engineering**,
University of Toronto (2009-2010) – Toronto, Ontario, Canada
Bachelor of Applied Science, Chemical Engineering
University of Toronto (2005-2009) – Toronto, Ontario, Canada

Property Condition Assessments

- Project Manager, Baseline Property Condition Assessment (BPCA) of numerous commercial, industrial, and residential sites for Morguard Investments Limited, First National Financial LP, Colliers International and other financial and legal clients.

- Conducted visual assessment of property elements and various industrial, commercial, residential buildings. Evaluated visually the structural elements of buildings and related structures. Assessed the conditions of various roofing systems, the exterior and interior walls, floors, ceilings of buildings and paved areas. Inspected mechanical and electrical systems on properties from a non-specialist viewpoint.

Phase I/II Environmental Site Assessments

- Project Manager, Phase I/II Environmental Site Assessment (ESA) of numerous commercial, industrial, and residential sites for Morguard Investments Limited, First National Financial LP, Colliers International and other financial and legal clients.

- Completed Phase I ESAs generally based on current Canadian Standards Association requirements. Conducted detailed reviews of environmental registries, city directories, topographic and geological maps, and pertinent historical information. 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. Prepared technical reports and drawings.

- Completed Phase II ESAs generally based on current Canadian Standards Association requirements. Coordinated locators and subcontractors for site visits. Supervised borehole drilling and monitoring well installation. Performed site surveys and monitoring well sampling. Developed conclusions and recommendations based on applicable federal, provincial, and municipal regulations. Prepared technical reports and drawings.

APPENDIX D

RESOURCE INFORMATION

HISTORICAL SOURCES, REGULATORY CONTACTS, BACKGROUND INFORMATION AND PERSONS INTERVIEWED

SOURCE	INFORMATION RECEIVED/REVIEWED
Site Representative: Mr. Duane Plata of 3043 Sixth Line Inc.	Site access, site current and historical information
Previous Environmental Reports/Background Information	- See Appendix B
City Directories - Toronto Reference Library	1960, 1965, 1971, 1975, 1981, 1985, 1990, 1995 and 2001.
Fire Insurance Plans - Opta	1967 (No coverage for the Phase One Property and the immediate adjacent/neighbouring properties located to the northwest, northeast and southwest (across Sixth Line) of the Phase One Property).
Aerial Photographs - National Air Photo Library (accessed through ERIS) - Hunting Survey Corporation Limited (accessed through ERIS) - Maxar (accessed through ERIS) - Google Earth	1934, 1965, 1979 and 1985 1954 2015 2004, 2005, 2006, 2007, 2009, 2013, 2014, 2015, 2016, 2017 and 2018.
Topographic/Ontario Base Maps - SoftMap Plus Software	Ontario Base Maps Volume 1
Title Search	Land Registry Office #20, Milton (completed by Stewart Davey Title Search)
ERIS	RSC Report (Urban) ERIS Report (dated August 31, 2020) 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

SOURCE	INFORMATION RECEIVED/REVIEWED
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
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 November 2020).	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 2018 (Accessed November 2020)	Potential list of historic hazardous waste generators for the Phase One Property and neighbouring properties
The MECP on-line Brownfields Environmental Site Registry (Accessed November 2020)	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.
Town of Oakville Official Plan Obtained from www.oakville.ca	Environmentally sensitive areas identified by the Town of Oakville

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 northwest elevation of the Subject Building, looking southeast.

Photo 2: View of a portion of the northeast elevation (see arrow) of the Subject Building, looking southwest.

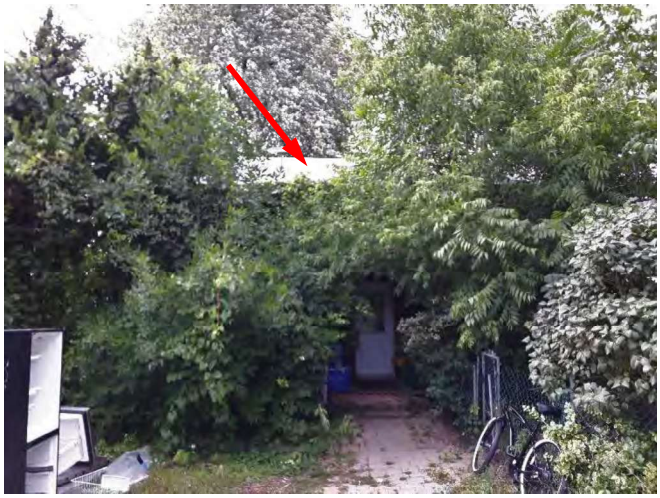


Photo 3: View of a portion of the southeast elevation (see arrow) of the Subject Building, looking northwest.

Photo 4: View of a portion of the southwest elevation (see arrow) of the Subject Building, looking southeast.

Photo 5: View of a portion of the adjacent agricultural/undeveloped property (see arrow), located to the northwest of the Phase One Property, looking southeast, from Sixteen Mile Drive.

Photo 6: View of a portion of the adjacent agricultural/undeveloped property (see arrow), located to the northeast of the Phase One Property, looking north, from Dundas Street East.

Photo 7: View of a portion of the adjacent institutional property, located to the southeast of the Phase One Property, looking north, from Sixth Line.

Photo 8: View of a portion of the neighbouring multi-tenant residential property, located to the southwest (across Sixth Line) of the Phase One Property, looking northwest, from across Kaitting Trail.

Photo 9: View of a portion of the neighbouring agricultural/undeveloped property, located to the southwest (across Sixth Line) of the Phase One Property, looking southwest.

Photo 10: View of the north portion of the Phase One Property, the approximate location of the historical barn of the Phase One Property.

Photo 11: View of fill material straddling a portion of the northwest property boundary of the Phase One Property.

Photo 12: View of a damaged vinyl floor tile (see arrow) in the kitchen of the Subject Building.

APPENDIX F

ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*3043 Sixth Line, Oakville* *3043 Sixth Line* *Oakville ON L6M 4J9*
Project No:	*9550*
Report Type:	*RSC Report (Urban)*
Order No:	*20282600138*
Requested by:	*S2S Environmental Inc.*
Date Completed:	*August 31, 2020*

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:	*3043 Sixth Line, Oakville* *3043 Sixth Line Oakville ON L6M 4J9*
Project No:	*9550*

Order Information:

Order No:	*20282600138*
Date Requested:	*August 26, 2020*
Requested by:	*S2S Environmental Inc.*
Report Type:	*RSC Report (Urban)*

Historical/Products:

Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
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	0	0
AST	*Aboveground Storage Tanks*	Y	0	0	0
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	0	0
CA	*Certificates of Approval*	Y	0	2	2
CDRY	*Dry Cleaning Facilities*	Y	0	0	0
CFOT	*Commercial Fuel Oil Tanks*	Y	0	0	0
CHEM	*Chemical Register*	Y	0	0	0
CNG	*Compressed Natural Gas Stations*	Y	0	0	0
COAL	*Inventory of Coal Gasification Plants and Coal Tar Sites*	Y	0	0	0
CONV	*Compliance and Convictions*	Y	0	0	0
CPU	*Certificates of Property Use*	Y	0	0	0
DRL	*Drill Hole Database*	Y	0	0	0
EASR	*Environmental Activity and Sector Registry*	Y	0	1	1
EBR	*Environmental Registry*	Y	0	0	0
ECA	*Environmental Compliance Approval*	Y	0	2	2
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	1	8	9
EIIS	*Environmental Issues Inventory System*	Y	0	0	0
EMHE	*Emergency Management Historical Event*	Y	0	0	0
EPAR	*Environmental Penalty Annual Report*	Y	0	0	0
EXP	*List of Expired Fuels Safety Facilities*	Y	0	0	0
FCON	*Federal Convictions*	Y	0	0	0
FCS	*Contaminated Sites on Federal Land*	Y	0	0	0
FOFT	*Fisheries & Oceans Fuel Tanks*	Y	0	0	0
FRST	*Federal Identification Registry for Storage Tank Systems (FIRSTS)*	Y	0	0	0
FST	*Fuel Storage Tank*	Y	0	0	0
FSTH	*Fuel Storage Tank - Historic*	Y	0	0	0
GEN	*Ontario Regulation 347 Waste Generators Summary*	Y	0	5	5
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	0	0
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0
INC	*Fuel Oil Spills and Leaks*	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
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	1	17	18
	Total:		2	38	40

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		3043 Sixth Line Oakville ON L6M 4J9	SW/0.0	0.41	19
2	WWIS		lot 15 con 1 ON ***Well ID:*** 2802118	NW/0.0	0.41	19

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	WWIS		lot 16 con 1 ON ***Well ID:*** 2802124	WSW/6.7	0.41	21
4	WWIS		lot 16 con 1 Oakville ON ***Well ID:*** 7135755	SW/26.2	0.41	23
5	ECA	2457667 Ontario Inc.	3058 Sixth Line (3058, 3062, 3066, 3070, 3074 and 3078) Oakville ON L4J 0A6	W/37.4	0.41	26
6	WWIS		lot 16 con 1 Oakville ON ***Well ID:*** 7289408	W/38.2	0.41	26
7	WWIS		lot 16 con 1 ON ***Well ID:*** 2802125	SE/59.3	-0.59	28
8	WWIS		lot 15 con 1 ON ***Well ID:*** 2805288	SE/83.8	-0.59	30
9	WWIS		lot 16 con 1 ON ***Well ID:*** 2802123	SSE/96.2	-0.59	33
10	WWIS		lot 16 con 1 ON ***Well ID:*** 2802133	S/99.9	-0.59	35
11	WWIS		lot 16 con 1 Oakville ON ***Well ID:*** 7172803	SSE/103.1	-0.59	38
12	WWIS		lot 16 con 1 Oakville ON ***Well ID:*** 7172805	SSW/110.2	-0.46	40
13	EHS		Dundas Street West & 6Th Line Oakville ON	SSE/115.1	-0.59	42
13	EHS		n/a Oakville ON	SSE/115.1	-0.59	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	CA	OAKVILLE TOWN	E.SIDE SIXTH LINE/DUNDAS ST. OAKVILLE TOWN ON	SE/126.3	-0.59	42
14	EHS		Dundas Street West @ Sixth Line Oakville ON	SE/126.3	-0.59	42
15	WWIS		Oakville ON ***Well ID:*** 7172804	W/142.2	1.41	43
16	WWIS		lot 16 con 1 Oakville ON ***Well ID:*** 7135756	WNW/142.8	0.41	44
17	SPL		6TH LINE SOUTHBOUND FROM HWY. 5<UNOFFICIAL> Oakville ON	SE/157.0	-0.59	47
18	EHS		21 Dundas St W Oakville ON L6M4L9	SSW/160.2	-0.59	47
19	EHS		6Th Line Oakville ON	S/196.2	-0.59	48
20	WWIS		lot 16 con 1 ON ***Well ID:*** 7050130	S/213.4	-0.59	48
21	EHS		6Th Line Oakville ON	SSW/222.6	-0.59	49
22	SPL	Union Gas Limited	42 Wheatboom Drive, Oakville Oakville ON	NNW/232.4	1.41	50
23	SPL		3024 Parsonage Cr Oakville ON	N/242.4	1.41	50
24	EASR	V!va Oakville Limited Partnership	1 Sixteen Mile DR Oakville ON L6M 4J9	WNW/256.2	1.41	51
25	WWIS		lot 16 con 1 Oakville ON	WNW/268.7	1.41	51

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7227682			
26	EHS		Dundas Street Town of Oakville ON	ESE/272.1	-1.91	53
27	WWIS		lot 16 con 1 ON ***Well ID:*** 2802308	S/274.1	-0.59	53
28	WWIS		lot 16 con 1 ON ***Well ID:*** 2802306	S/278.5	-0.59	56
29	GEN	Halton Regional Police Service	95 Oakwalk Drive Oakville ON L6H 0G6	E/280.5	-0.59	58
29	GEN	Halton Regional Police Service	95 Oakwalk Drive Oakville ON L6H 0G6	E/280.5	-0.59	58
29	GEN	Halton Regional Police Service	95 Oakwalk Drive Oakville ON L6H 0G6	E/280.5	-0.59	59
30	WWIS		lot 16 con 1 ON ***Well ID:*** 2802129	WNW/281.0	1.41	59
31	WWIS		Oakville ON ***Well ID:*** 7330340	ENE/284.7	-0.59	61
32	GEN	NORTH TERRA CONSTRUCTION	3130 - SIXTH LINE OAKVILLE ON L6M 4J9	WNW/286.6	1.41	63
33	EHS		87 Dundas St E Oakville ON L6H7C4	ENE/288.6	-0.59	63
34	GEN	RRG Landscaping Inc.	87 Dundas St Oakville ON	ENE/296.0	-0.59	64
35	CA	Halton Regional Police Service	90 Dundas St E Oakville ON L6H 7E1	ENE/299.6	-0.59	64
35	ECA	Halton Regional Police Service	90 Dundas St E Oakville ON L6H 7E1	ENE/299.6	-0.59	64

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

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
OAKVILLE TOWN	E.SIDE SIXTH LINE/DUNDAS ST. OAKVILLE TOWN ON	126.3	14
Halton Regional Police Service	90 Dundas St E Oakville ON L6H 7E1	299.6	35

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Jul 31, 2020 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
V!va Oakville Limited Partnership	1 Sixteen Mile DR Oakville ON L6M 4J9	256.2	24

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2020 has found that there are 2 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
2457667 Ontario Inc.	3058 Sixth Line (3058, 3062, 3066, 3070, 3074 and 3078) Oakville ON L4J 0A6	37.4	5
Halton Regional Police Service	90 Dundas St E Oakville ON L6H 7E1	299.6	35

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 9 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	3043 Sixth Line Oakville ON L6M 4J9	0.0	1
	n/a Oakville ON	115.1	13
	Dundas Street West & 6Th Line Oakville ON	115.1	13
	Dundas Street West @ Sixth Line Oakville ON	126.3	14
	21 Dundas St W Oakville ON L6M4L9	160.2	18
	6Th Line Oakville ON	196.2	19
	6Th Line Oakville ON	222.6	21
	Dundas Street Town of Oakville ON	272.1	26
	87 Dundas St E Oakville ON L6H7C4	288.6	33

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2020 has found that there are 5 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Halton Regional Police Service	95 Oakwalk Drive Oakville ON L6H 0G6	280.5	29
Halton Regional Police Service	95 Oakwalk Drive Oakville ON L6H 0G6	280.5	29
Halton Regional Police Service	95 Oakwalk Drive Oakville ON L6H 0G6	280.5	29
NORTH TERRA CONSTRUCTION	3130 - SIXTH LINE OAKVILLE ON L6M 4J9	286.6	32
RRG Landscaping Inc.	87 Dundas St Oakville ON	296.0	34

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 3 SPL site(s) within approximately 0.30 kilometers of the project property.

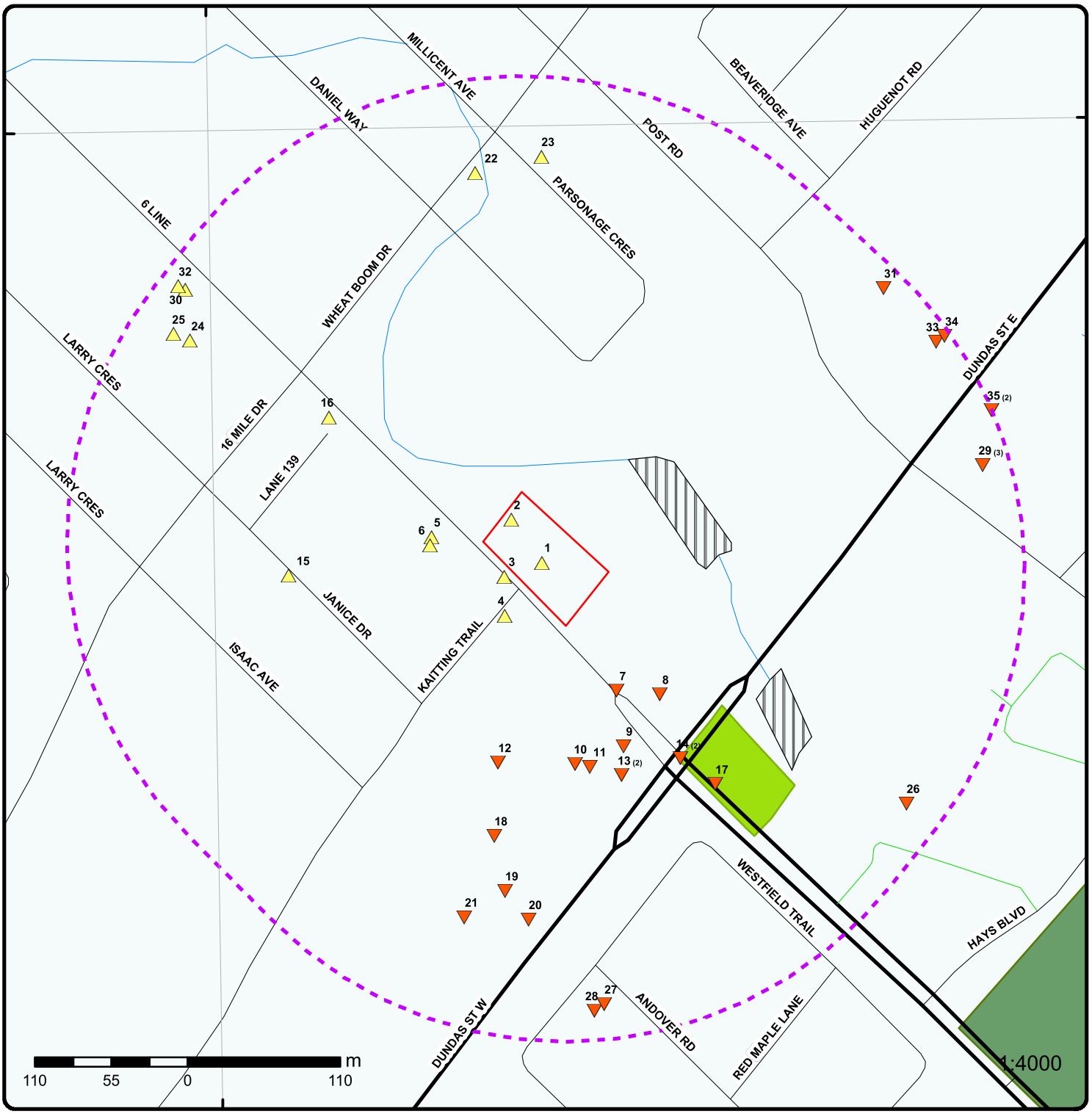
Site	Address	Distance (m)	Map Key
	6TH LINE SOUTHBOUND FROM HWY. 5<UNOFFICIAL> Oakville ON	157.0	17
Union Gas Limited	42 Wheatboom Drive, Oakville Oakville ON	232.4	22
	3024 Parsonage Cr Oakville ON	242.4	23

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 18 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 15 con 1 ON ***Well ID:*** 2802118	0.0	2
	lot 16 con 1 ON ***Well ID:*** 2802124	6.7	3
	lot 16 con 1 Oakville ON ***Well ID:*** 7135755	26.2	4
	lot 16 con 1 Oakville ON ***Well ID:*** 7289408	38.2	6
	lot 16 con 1 ON ***Well ID:*** 2802125	59.3	7
	lot 15 con 1 ON ***Well ID:*** 2805288	83.8	8
	lot 16 con 1 ON ***Well ID:*** 2802123	96.2	9
	lot 16 con 1 ON ***Well ID:*** 2802133	99.9	10
	lot 16 con 1 Oakville ON ***Well ID:*** 7172803	103.1	11
	lot 16 con 1 Oakville ON ***Well ID:*** 7172805	110.2	12
	Oakville ON ***Well ID:*** 7172804	142.2	15
	lot 16 con 1 Oakville ON	142.8	16

Site	Address	Distance (m)	Map Key
	Well ID: 7135756		
	lot 16 con 1 ON ***Well ID:*** 7050130	213.4	20
	lot 16 con 1 Oakville ON ***Well ID:*** 7227682	268.7	25
	lot 16 con 1 ON ***Well ID:*** 2802308	274.1	27
	lot 16 con 1 ON ***Well ID:*** 2802306	278.5	28
	lot 16 con 1 ON ***Well ID:*** 2802129	281.0	30
	Oakville ON ***Well ID:*** 7330340	284.7	31



Map : 0.3 Kilometer Radius

Order Number: 20282600138

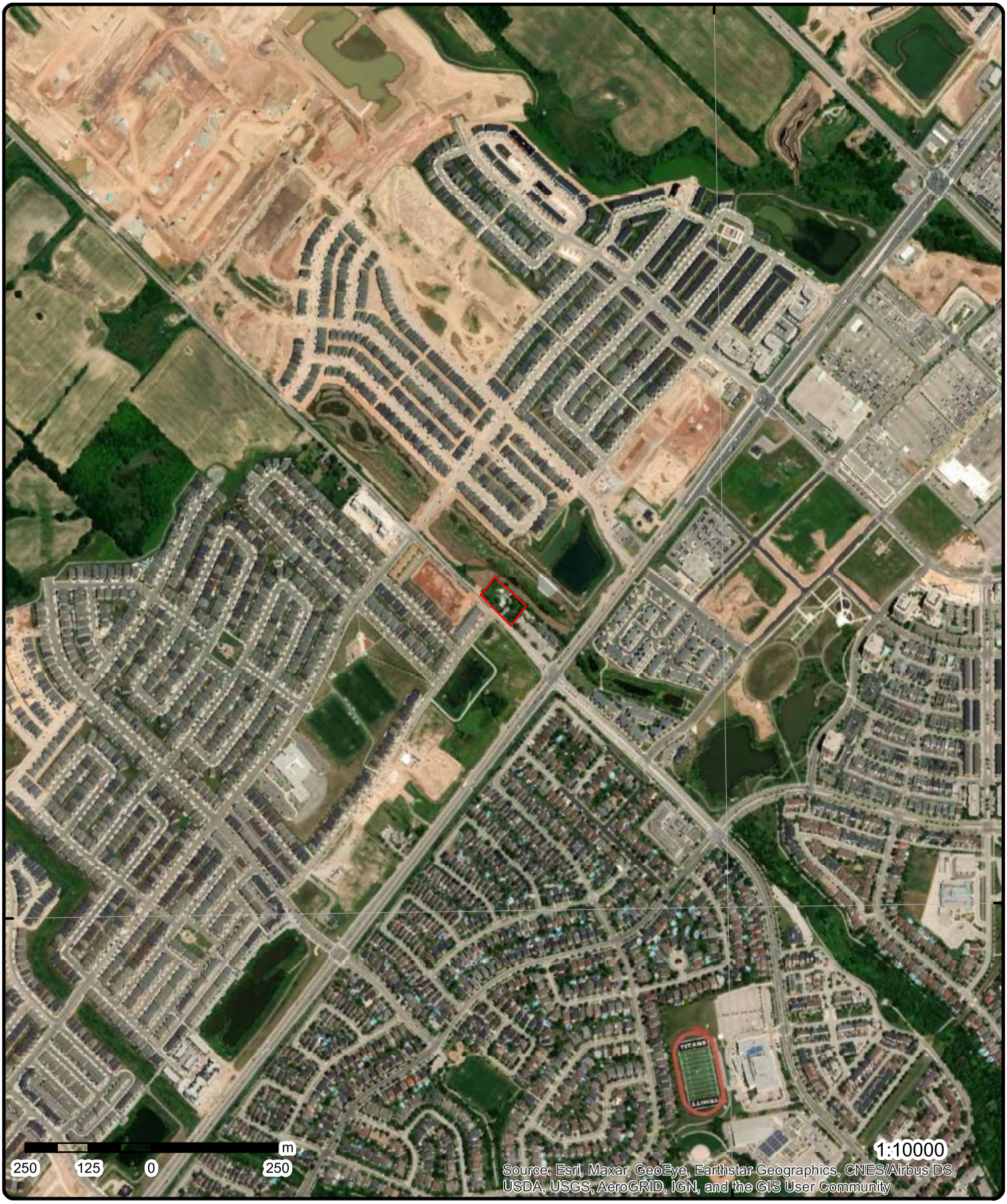
Address: 3043 Sixth Line, Oakville, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

79°43'30"W



Aerial

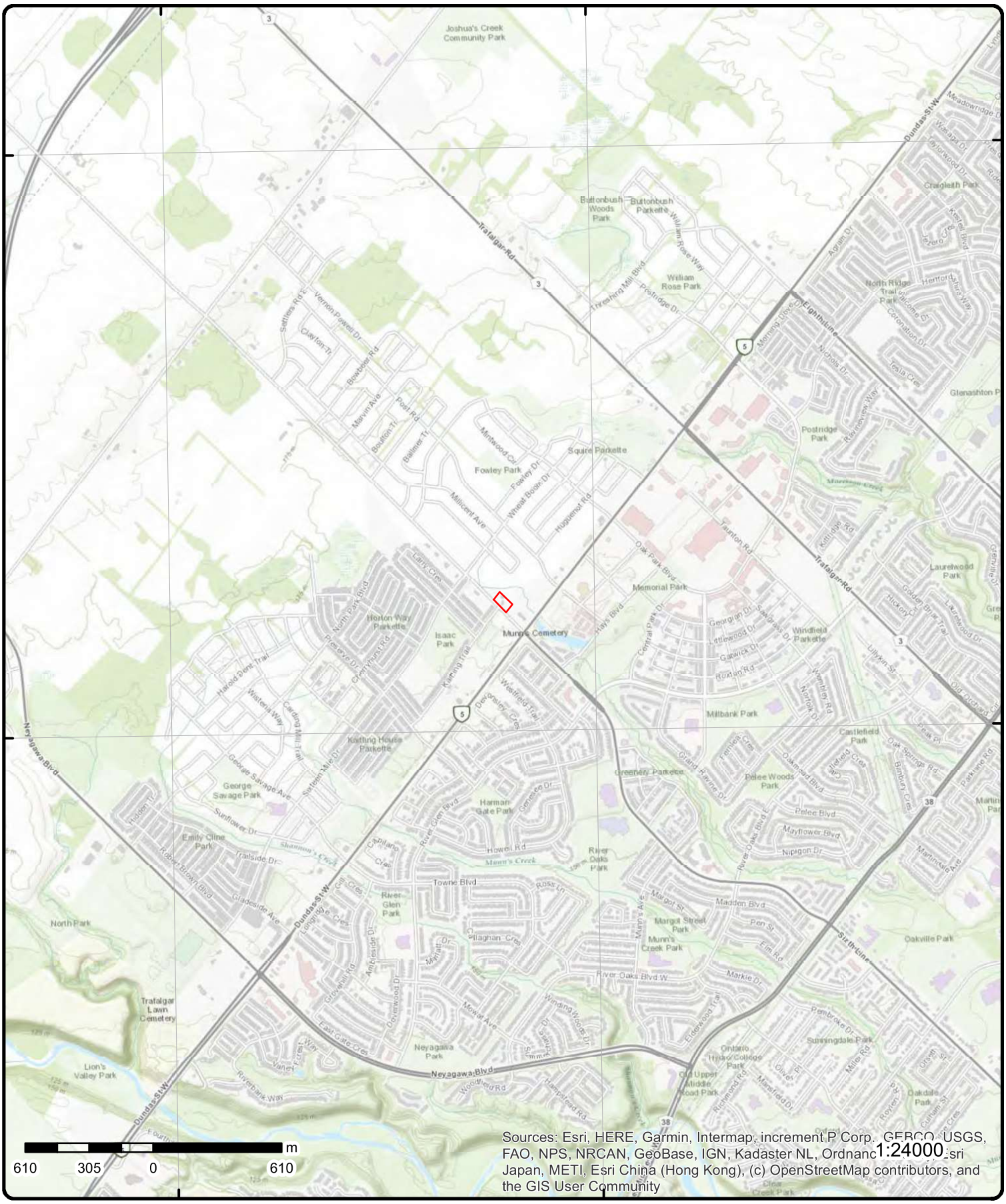
Year: 2018

Order Number: 20282600138

Address: 3043 Sixth Line, Oakville, ON

Source: ESRI World Imagery

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 3043 Sixth Line, ON

Source: ESRI World Topographic Map

Order Number: 20282600138

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/0.0	170.8 / 0.41	3043 Sixth Line Oakville ON L6M 4J9	EHS

Order No:	20180801041	**Nearest Intersection:**	
Status:	C	**Municipality:**	Town of Oakville
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	08-AUG-18	**Search Radius (km):**	.25
Date Received:	01-AUG-18	**X:**	-79.730447
Previous Site Name:		**Y:**	43.480499
Lot/Building Size:	120 square metres		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	NW/0.0	170.8 / 0.41	lot 15 con 1 ON	WWIS

Well ID:	2802118	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/17/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1642
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	015
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802118.pdf

Bore Hole Information

Bore Hole ID:	10148672	**Elevation:**	171.935943
DP2BR:	20	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	602647.6
Code OB Desc:	Bedrock	**North83:**	4814989
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/19/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931427697
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427696
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802118
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697242
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930252975
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802118
Pump Set At:	
Static Level:	16
Final Level After Pumping:	16
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604163
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	38
Water Found Depth UOM:	ft

---

3 | ***1 of 1*** | ***WSW/6.7*** | ***170.8 / 0.41*** | ***lot 16 con 1 ON*** | ***WWIS***

Well ID:	2802124	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/28/1955
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1642
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802124.pdf

Bore Hole Information

Bore Hole ID:	10148678	**Elevation:**	171.887954
DP2BR:	15	**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:	r	**East83:**	602642.6
Code OB Desc:	Bedrock	**North83:**	4814948
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/27/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427715
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	61
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427714
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802124
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697248
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930252984
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930252985
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	61
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802124
Pump Set At:	
Static Level:	12
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933604169
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

---

4 ***1 of 1*** ***SW/26.2*** ***170.8 / 0.41*** ***lot 16 con 1 Oakville ON*** ***WWIS***

Well ID:	7135755	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	12/10/2009
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7219
Casing Material:		***Form Version:***	7

Audit No:	Z107414	**Owner:**	
Tag:	A093077	**Street Name:**	3030 SIXTH LINE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7135755.pdf

Bore Hole Information

Bore Hole ID:	1002876053	**Elevation:**	171.917938
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602643
Code OB Desc:		**North83:**	4814920
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	11/5/2009	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003066885
Layer:	1
Plug From:	0
Plug To:	1.52
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003066887
Layer:	3
Plug From:	3.35
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003066886
Layer:	2
Plug From:	1.52
Plug To:	3.35
Plug Depth UOM:	m

Method of Construction & Well

Use

Method Construction ID:	1003066892
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1003066881
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003066889
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	4.57
Casing Diameter:	15.24
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003066890
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1003066882
Pump Set At:	
Static Level:	1.52
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1003066888
Layer:	
Kind Code:	

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

Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003066884
Diameter: 15.24
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

---

5 | ***1 of 1*** | ***W/37.4*** | ***170.8 / 0.41*** | ***2457667 Ontario Inc.***
3058 Sixth Line (3058, 3062, 3066, 3070, 3074 and 3078)
Oakville ON L4J 0A6 | ***ECA***

Approval No: 5217-APCJBA
Approval Date: 2017-07-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 3058 Sixth Line (3058, 3062, 3066, 3070, 3074 and 3078)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0173-AP8QJN-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

---

6 | ***1 of 1*** | ***W/38.2*** | ***170.8 / 0.41*** | ***lot 16 con 1***
Oakville ON | ***WWIS***

Well ID: 7289408
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z254626
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Data Entry Status:
Data Src:
Date Received: 6/30/2017
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7556
Form Version: 7
Owner:
Street Name: 3060-3072 6TH LINE
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 016
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/728\7289408.pdf

Bore Hole Information

Bore Hole ID: 1006593833
DP2BR:
Spatial Status:
Code OB:
Elevation: 172.041519
Elevrc:
Zone: 17
East83: 602589

Code OB Desc:		**North83:**	4814971
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/12/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	1006630407
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006630401
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006630405
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006630406
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1006630404
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

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

Hole ID: 1006630403
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

7 **1 of 1** **SE/59.3** **169.8 / -0.59** **lot 16 con 1 ON** **WWIS**

Well ID: 2802125
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/28/1955
Selected Flag: Yes
Abandonment Rec:
Contractor: 1642
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 016
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802125.pdf

Bore Hole Information

Bore Hole ID: 10148679
DP2BR: 11
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/4/1955
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 171.50859
Elevrc:
Zone: 17
East83: 602723.6
North83: 4814866
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931427717
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 62
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427716
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802125
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697249
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930252986
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 11
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930252987
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 62
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	992802125
Pump Set At:	
Static Level:	10
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933604170
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

---

8 | ***1 of 1*** | ***SE/83.8*** | ***169.8 / -0.59*** | ***lot 15 con 1 ON*** | ***WWIS***

Well ID:	2805288	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	11/15/1978
Sec. Water Use:	Domestic	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4005
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2805288.pdf

Bore Hole Information

Bore Hole ID:	10151785	***Elevation:***	171.004837
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	602754.6
Code OB Desc:	Bedrock	***North83:***	4814863
Open Hole:		***Org CS:***	

Cluster Kind:
Date Completed: 10/18/1978
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931439114
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 7
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931439113
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 5
Formation End Depth: 7
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931439112
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID:	962805288
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10700355
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930258030
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	13
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930258031
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	38
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992805288
Pump Set At:	
Static Level:	10
Final Level After Pumping:	33
Recommended Pump Depth:	36
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934181028
Test Type:	Recovery
Test Duration:	15

Test Level: 16
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934967047
Test Type: Recovery
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934447372
Test Type: Recovery
Test Duration: 30
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934714895
Test Type: Recovery
Test Duration: 45
Test Level: 10
Test Level UOM: ft

Water Details

Water ID: 933608466
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 36
Water Found Depth UOM: ft

9	1 of 1	SSE/96.2	169.8 / -0.59	lot 16 con 1 ON	WWIS

Well ID: 2802123
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/13/1953
Selected Flag: Yes
Abandonment Rec:
Contractor: 1642
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 016
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802123.pdf

Bore Hole Information

Bore Hole ID:	10148677	***Elevation:***	172.081115
DP2BR:	10	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	602728.6
Code OB Desc:	Bedrock	***North83:***	4814826
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/27/1952	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427712
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427713
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10
Formation End Depth:	45
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802123
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10697247
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930252982
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 11
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930252983
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 45
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802123
Pump Set At:
Static Level: 15
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: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933604168
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

10	*1 of 1*	*S/99.9*	*169.8 / -0.59*	*lot 16 con 1 ON*	*WWIS*

Well ID: 2802133
Construction Date:
Data Entry Status:
Data Src: 1

Primary Water Use:	Domestic	**Date Received:**	1/14/1966
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4602
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802133.pdf

Bore Hole Information

Bore Hole ID:	10148687	**Elevation:**	172.102676
DP2BR:	5	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	602693.6
Code OB Desc:	Bedrock	**North83:**	4814813
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/14/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427741
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	37
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427740
Layer:	1
Color:	6
General Color:	BROWN

Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802133
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697257
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253003
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	37
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253002
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802133
Pump Set At:	
Static Level:	4
Final Level After Pumping:	37
Recommended Pump Depth:	35
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2

Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604181
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25
Water Found Depth UOM:	ft

---

11 | ***1 of 1*** | ***SSE/103.1*** | ***169.8 / -0.59*** | ***lot 16 con 1 Oakville ON*** | ***WWIS***

Well ID:	7172803	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	12/1/2011
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7219
Casing Material:		**Form Version:**	7
Audit No:	Z131785	**Owner:**	
Tag:	A116493	**Street Name:**	CORNER OF 6TH LINE AND DUNDAS
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7172803.pdf

Bore Hole Information

Bore Hole ID:	1003615238	**Elevation:**	172.146057
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602704
Code OB Desc:		**North83:**	4814811
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	9/13/2011	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID: 1004011166
Layer: 2
Plug From: 5
Plug To: 6
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004011165
Layer: 1
Plug From: 0
Plug To: 5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1004011164
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004011157
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004011161
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 36
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004011162
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004011160
Layer:
Kind Code:
Kind:
Water Found Depth:

Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004011159
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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12 | 1 of 1 | SSW/110.2 | 170.0 / -0.46 | lot 16 con 1 Oakville ON | WWIS

Well ID: 7172805
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z131788
Tag: A116533
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/1/2011
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7219
Form Version: 7
Owner:
Street Name: CORNER OF 6TH LINE AND DUNDAS
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 016
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7172805.pdf

Bore Hole Information

Bore Hole ID: 1003615242
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 9/13/2011
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 171.752731
Elevrc:
Zone: 17
East83: 602638
North83: 4814814
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1004011297
Layer: 1
Plug From: 0
Plug To: 5

Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004011298
Layer: 2
Plug From: 5
Plug To: 6
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1004011296
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004011289
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004011293
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 36
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004011294
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004011292
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

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

Hole ID: 1004011291
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

13 **1 of 2** **SSE/115.1** **169.8 / -0.59** **Dundas Street West & 6Th Line**
Oakville ON **EHS**

Order No: 20121025007
Status: C
Report Type: Standard Report
Report Date: 26-OCT-12
Date Received: 25-OCT-12
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

Nearest Intersection:
Municipality: Town of Oakville, Halton
Client Prov/State: ON
Search Radius (km): .25
X: -79.729763
Y: 43.479109

---

13 **2 of 2** **SSE/115.1** **169.8 / -0.59** **n/a**
Oakville ON **EHS**

Order No: 20141001016
Status: C
Report Type: Standard Report
Report Date: 06-OCT-14
Date Received: 01-OCT-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Halton
Client Prov/State: ON
Search Radius (km): .25
X: -79.729763
Y: 43.479109

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14 **1 of 2** **SE/126.3** **169.8 / -0.59** **OAKVILLE TOWN**
E.SIDE SIXTH LINE/DUNDAS ST.
OAKVILLE TOWN ON **CA**

Certificate #: 3-0779-99-
Application Year: 99
Issue Date: 7/13/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

14 **2 of 2** **SE/126.3** **169.8 / -0.59** **Dundas Street West @ Sixth Line**
Oakville ON **EHS**

Order No: 20080718023
Status: C
Report Type: Custom Report
Report Date: 7/29/2008
Date Received: 7/18/2008
Previous Site Name:
Lot/Building Size:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.734568
Y: 43.483147

Additional Info Ordered: Fire Insur. Maps And /or Site Plans; Title Search; Aerials Photos

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15 | ***1 of 1*** | ***W/142.2*** | ***171.8 / 1.41*** | ***Oakville ON*** | ***WWIS***

Well ID:	7172804	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	12/1/2011
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7219
Casing Material:		***Form Version:***	7
Audit No:	Z131787	***Owner:***	
Tag:	A116511	***Street Name:***	CORNER OF 6TH LINE AND DUNDAS
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7172804.pdf

Bore Hole Information

Bore Hole ID:	1003615240	***Elevation:***	172.488372
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602487
Code OB Desc:		***North83:***	4814949
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	9/13/2011	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	1004011174
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1004011167
Casing No:	0
Comment:	
Alt Name:	

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

Construction Record - Casing

Casing ID: 1004011171
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004011172
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004011170
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004011169
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

16 ***1 of 1*** ***WNW/142.8*** ***170.8 / 0.41*** ***lot 16 con 1 Oakville ON*** ***WWIS***

Well ID:	7135756	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	12/10/2009
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7219
Casing Material:		***Form Version:***	7
Audit No:	Z107413	***Owner:***	
Tag:	A093067	***Street Name:***	3094 SIXTH LINE
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	016
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7135756.pdf

Bore Hole Information

Bore Hole ID:	1002876056	***Elevation:***	172.442916
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602516
Code OB Desc:		***North83:***	4815063
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	11/5/2009	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003066900
Layer:	3
Plug From:	1.52
Plug To:	3.04
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003066902
Layer:	5
Plug From:	3.04
Plug To:	4.26
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003066899
Layer:	2
Plug From:	1.21
Plug To:	1.52
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003066898
Layer:	1
Plug From:	0
Plug To:	1.21
Plug Depth UOM:	m

Annular Space/Abandonment

Sealing Record

Plug ID:	1003066901
Layer:	4
Plug From:	3.04
Plug To:	3.35
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003066907
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1003066894
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003066904
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	0
Depth To:	4.26
Casing Diameter:	73.66
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003066905
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1003066895
Pump Set At:	
Static Level:	.6
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0

Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1003066903
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003066897
Diameter: 73.66
Depth From: 0
Depth To: 4.26
Hole Depth UOM: m
Hole Diameter UOM: cm

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17 | ***1 of 1*** | ***SE/157.0*** | ***169.8 / -0.59*** | ***6TH LINE SOUTHBOUND FROM HWY. 5<UNOFFICIAL> Oakville ON*** | ***SPL***

Ref No: 1448-5NU2UH
Site No:
Incident Dt: 6/24/2003
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/24/2003
Dt Document Closed:
Incident Reason:
Site Name: 6TH LINE SOUTHBOUND FROM HWY. 5<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Truck (n.o.s) - diesel fuel to road.
Contaminant Qty:

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Halton-Peel
Site Postal Code:
Site Region: Central
Site Municipality: Oakville
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

---

18 | ***1 of 1*** | ***SSW/160.2*** | ***169.8 / -0.59*** | ***21 Dundas St W Oakville ON L6M4L9*** | ***EHS***

Order No: 20160218020
Status: C
Report Type: Standard Report
Report Date: 24-FEB-16
Date Received: 18-FEB-16
Previous Site Name: Vacant
Lot/Building Size:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.730908
Y: 43.478727

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

Additional Info Ordered: Aerial Photos

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19 | **1 of 1** | **S/196.2** | **169.8 / -0.59** | **6Th Line Oakville ON** | **EHS**

Order No:	20140811101	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	15-AUG-14	**Search Radius (km):**	.25
Date Received:	11-AUG-14	**X:**	-79.73082
Previous Site Name:		**Y:**	43.47837
Lot/Building Size:			

Additional Info Ordered: City Directory

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20 | **1 of 1** | **S/213.4** | **169.8 / -0.59** | **lot 16 con 1 ON** | **WWIS**

Well ID:	7050130	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	10/1/2007
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	3349
Casing Material:		**Form Version:**	3
Audit No:	Z66974	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/705\7050130.pdf

Bore Hole Information

Bore Hole ID:	23050130	**Elevation:**	170.50415
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602660
Code OB Desc:		**North83:**	4814701
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	8/17/2007	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	44005604
Layer:	1
Plug From:	7.62
Plug To:	5.62
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44005605
Layer:	3
Plug From:	2
Plug To:	0
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44005603
Layer:	2
Plug From:	5.62
Plug To:	2
Plug Depth UOM:	m

Pipe Information

Pipe ID:	29050130
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	42150130
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	15.875
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Hole Diameter

Hole ID:	46004283
Diameter:	15.875
Depth From:	0
Depth To:	7.62
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

21 **1 of 1** **SSW/222.6** **169.8 / -0.59** **6Th Line Oakville ON** **EHS**

Order No:	20180206122	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	13-FEB-18	**Search Radius (km):**	.25
Date Received:	06-FEB-18	**X:**	-79.731185
Previous Site Name:		**Y:**	43.478203

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

Lot/Building Size:
Additional Info Ordered:

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22 | **1 of 1** | **NNW/232.4** | **171.8 / 1.41** | **Union Gas Limited**
42 Wheatboom Drive, Oakville
Oakville ON | **SPL**

Ref No:	8440-ARDLG9	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	9/20/2017	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:	Unknown / N/A	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	42 Wheatboom Drive, Oakville
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Oakville
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/20/2017	**Site Map Datum:**	
Dt Document Closed:	10/21/2017	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Unknown / N/A	**Source Type:**	Unknown / N/A
Site Name:	42 Wheatboom Drive<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: 2 inch P IP main, safe, 42 Wheatboom Dr Oakville		
Contaminant Qty:	0 other - see incident description		

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23 | **1 of 1** | **N/242.4** | **171.8 / 1.41** | **3024 Parsonage Cr**
Oakville ON | **SPL**

Ref No:	7638-B4HN2K	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2018/09/11	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	TRANSFORMER OIL (N.O.S.)	**Site Address:**	3024 Parsonage Cr
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Oakville
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Source Water Zone	**Northing:**	4815262
MOE Response:	No	**Easting:**	602653.04
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2018/09/11	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Unknown / N/A	**Source Type:**	Transformer
Site Name:	Pad Transformer<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:			
Incident Summary:	Oakville Hydro: transformer oil leak, contained		
Contaminant Qty:	100 L		

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

24 | **1 of 1** | **WNW/256.2** | **171.8 / 1.41** | **V!va Oakville Limited Partnership**
1 Sixteen Mile DR
Oakville ON L6M 4J9 | **EASR**

Approval No:	R-009-1110080967	**SWP Area Name:**	Halton
Status:	REGISTERED	**MOE District:**	Halton-Peel
Date:	2017-02-02	**Municipality:**	Oakville
Record Type:	EASR	**Latitude:**	43.48138889
Link Source:	MOFA	**Longitude:**	-79.73305556
Project Type:	Water Taking - Construction Dewatering	**Geometry X:**	
Full Address:		**Geometry Y:**	
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2029507		

25 | **1 of 1** | **WNW/268.7** | **171.8 / 1.41** | **lot 16 con 1**
Oakville ON | **WWIS**

Well ID:	7227682	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	9/19/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	0	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7147
Casing Material:		**Form Version:**	7
Audit No:	Z191954	**Owner:**	
Tag:		**Street Name:**	3130 6TH AVENUE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005128779	**Elevation:**	173.441482
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602404
Code OB Desc:		**North83:**	4815123
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/10/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID: 1005378407
Layer: 2
Plug From: 2.2
Plug To: 6.4
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005378406
Layer: 1
Plug From: 0
Plug To: 2.2
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005378408
Layer: 3
Plug From:
Plug To: 6.4
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005378405
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005378398
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005378402
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: 0
Depth To: 4.1
Casing Diameter: 90
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1005378403
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: .6
Depth To: 6.4
Casing Diameter: 15

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005378404
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1005378401
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3.4
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005378400
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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26 | ***1 of 1*** | ***ESE/272.1*** | ***168.5 / -1.91*** | ***Dundas Street Town of Oakville ON*** | ***EHS***

Order No: 20091221007
Status: C
Report Type: Custom Report
Report Date: 12/31/2009
Date Received: 12/21/2009
Previous Site Name:
Lot/Building Size: Approximjately 12 Acres
Additional Info Ordered:

Nearest Intersection: Dundas St. East & 6th Line
Municipality: Oakville
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.727232
Y: 43.478897

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27 | ***1 of 1*** | ***S/274.1*** | ***169.8 / -0.59*** | ***lot 16 con 1 ON*** | ***WWIS***

Well ID: 2802308
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 1/21/1964
Selected Flag: Yes
Abandonment Rec:
Contractor: 4602
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 016

Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS S
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802308.pdf

Bore Hole Information

Bore Hole ID:	10148861	***Elevation:***	169.953994
DP2BR:	15	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	602714.6
Code OB Desc:	Bedrock	***North83:***	4814640
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/30/1963	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931428244
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931428245
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	53
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802308
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697431
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253307
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	53
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253306
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	16
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802308
Pump Set At:	
Static Level:	15
Final Level After Pumping:	53
Recommended Pump Depth:	50
Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604371
Layer:	1

Kind Code:	2
Kind:	SALTY
Water Found Depth:	47
Water Found Depth UOM:	ft

28 | 1 of 1 | S/278.5 | 169.8 / -0.59 | lot 16 con 1 ON | WWIS

Well ID:	2802306	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/25/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4602
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	016
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS S
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802306.pdf

Bore Hole Information

Bore Hole ID:	10148859	**Elevation:**	169.854232
DP2BR:	39	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	602707.6
Code OB Desc:	Bedrock	**North83:**	4814635
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/27/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931428241
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	39

Formation End Depth: 68
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931428240
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 39
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802306
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697429
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253303
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253304
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 68
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	992802306
Pump Set At:	
Static Level:	19
Final Level After Pumping:	68
Recommended Pump Depth:	68
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604369
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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29 **1 of 3** **E/280.5** **169.8 / -0.59** **Halton Regional Police Service** **GEN**
95 Oakwalk Drive
Oakville ON L6H 0G6

Generator No:	ON8592974	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	913130		
SIC Description:	Municipal Police Services		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

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29 **2 of 3** **E/280.5** **169.8 / -0.59** **Halton Regional Police Service** **GEN**
95 Oakwalk Drive
Oakville ON L6H 0G6

Generator No:	ON8592974	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	3 of 3	E/280.5	169.8 / -0.59	Halton Regional Police Service 95 Oakwalk Drive Oakville ON L6H 0G6	GEN

Generator No: ON8592974
Status: Registered
Approval Years: As of Apr 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	1 of 1	WNW/281.0	171.8 / 1.41	lot 16 con 1 ON	WWIS

Well ID: 2802129
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/23/1959
Selected Flag: Yes
Abandonment Rec:
Contractor: 5417
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 016
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802129.pdf

Bore Hole Information

Bore Hole ID: 10148683
DP2BR: 15
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 1/17/1959
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation: 173.495727
Elevrc:
Zone: 17
East83: 602412.6
North83: 4815155
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931427729
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	36
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427728
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802129
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697253
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930252994
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930252995
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	36
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802129
Pump Set At:	
Static Level:	16
Final Level After Pumping:	26
Recommended Pump Depth:	20
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933604176
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	34
Water Found Depth UOM:	ft

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31 ***1 of 1*** ***ENE/284.7*** ***169.8 / -0.59*** ***Oakville ON*** ***WWIS***

Well ID:	7330340	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	3/29/2019
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7219
Casing Material:		***Form Version:***	7
Audit No:	Z249441	***Owner:***	
Tag:	A219240	***Street Name:***	87 Dundas East
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	

Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007379632	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602916
Code OB Desc:		***North83:***	4815156
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	4/3/2018	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1007825459
Layer:	2
Plug From:	
Plug To:	
Plug Depth UOM:	

Annular Space/Abandonment Sealing Record

Plug ID:	1007825458
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	

Annular Space/Abandonment Sealing Record

Plug ID:	1007825460
Layer:	3
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1007827822
Method Construction Code:	A
Method Construction:	Digging
Other Method Construction:	

Pipe Information

Pipe ID:	1007822006

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007828523
Layer: 1
Material: 7
Open Hole or Material: OTHER
Depth From: 0
Depth To: 23
Casing Diameter: .36
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 1007830102
Pump Set At:
Static Level: 19
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: 3
Water State After Test: OTHER
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

---

32 | 1 of 1 | WNW/286.6 | 171.8 / 1.41 | NORTH TERRA CONSTRUCTION, 3130 - SIXTH LINE, OAKVILLE ON L6M 4J9 | GEN

Generator No: ON6975024
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 419120
SIC Description: PETROLEUM PRODUCT AGENTS AND BROKERS, WHOLESALE TRADE AGENTS AND BROKERS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: RAFFAELE TOMASONE
Phone No Admin: 905-417-0011 Ext.

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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33 | 1 of 1 | ENE/288.6 | 169.8 / -0.59 | 87 Dundas St E, Oakville ON L6H7C4 | EHS

Order No: 20180108152
Status: C
Report Type: Standard Report
Report Date: 15-JAN-18

Nearest Intersection:
Municipality: Halton
Client Prov/State: ON
Search Radius (km): .25

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

Date Received:	08-JAN-18	**X:**	-79.726902
Previous Site Name:		**Y:**	43.481891
Lot/Building Size:			
Additional Info Ordered:			

---

34 *1 of 1* *ENE/296.0* *169.8 / -0.59* **RRG Landscaping Inc.** **GEN**
87 Dundas St
Oakville ON

Generator No:	ON3413480	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	561730		
SIC Description:	Landscaping Services		

---

35 *1 of 2* *ENE/299.6* *169.8 / -0.59* **Halton Regional Police Service** **CA**
90 Dundas St E
Oakville ON L6H 7E1

Certificate #:	1345-7VPLRD
Application Year:	2009
Issue Date:	9/9/2009
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

---

35 *2 of 2* *ENE/299.6* *169.8 / -0.59* **Halton Regional Police Service** **ECA**
90 Dundas St E
Oakville ON L6H 7E1

Approval No:	1345-7VPLRD	**MOE District:**	Halton-Peel
Approval Date:	2009-09-09	**City:**	
Status:	Approved	**Longitude:**	-79.726265
Record Type:	ECA	**Latitude:**	43.482025
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Halton	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Address:	90 Dundas St E		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7501-7UEL42-14.pdf		

Unplottable Summary

Total: 35 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		East Side of Sixth Line	Oakville ON	
CA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	
CA	SILWELL DEV. LTD.-LOTS 15 & 16, CONC. 1	ST. 'D'/DUNDAS ST.	OAKVILLE TOWN ON	
CA		Lot 16 and 17, Concession 1 S DS	Oakville ON	
CA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	
CA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	
CA	The Regional Municipality of Halton	Dundas St	Oakville ON	
CA	SILVELL DEVELOPMENTS LIMITED	DUNDAS ST., PT.LOTS 13-15,SWM	OAKVILLE TOWN ON	
CA	BAYSHIRE INVESTMENTS LIMITED	DUNDAS ST. S.W.M.	OAKVILLE TOWN ON	
ECA	The Regional Municipality of Halton	Sixth Line	Oakville ON	L6M 3L1
ECA	Melrose Investments Inc.	South of Dundas Street	Oakville ON	L6J 0A7
ECA	The Corporation of the Town of Oakville	From approx. 90 m North of Dundas Street E to 290 m North of Dundas St E	Oakville ON	L6J 5A6
ECA	The Regional Municipality of Halton	Dundas St	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	Sixth Line Corporation	6th Line Lots 15 & 16, Concession 1 north of Dundas	Oakville ON	L7L 0A2

ECA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	
ECA	The Regional Municipality of Halton	Sixth Line	Oakville ON	L6M 3L1
ECA	EMGO (North Oakville I) Ltd.	Part of Lot 15, Concession 1	Oakville ON	L7M 4P8
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Corporation of the Town of Oakville	Sixth Line	Oakville ON	L2J 5A6
ECA	The Regional Municipality of Halton	Dundas St	Oakville ON	L6M 3L1
EHS		Part of Lot 15, Concession 1, North of Dundas Street, Geographic Township of Oakville, Regional	Oakville ON	
EHS		Dundas Street West	Oakville ON	
PTTW	Enbridge Pipelines Inc.		ON	
SPL		Sixteen Mile Drive, Sixth Line & Dundas St W	Oakville ON	
SPL	Terratec Environmental Ltd.	Lot 15 Con 1 NDS	Oakville ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	

Unplottable Report

Site:
East Side of Sixth Line Oakville ON

Database: CA

Certificate #:	4455-4JGLK2
Application Year:	00
Issue Date:	4/20/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	Construction of approximately 16,000 m3 concrete in-ground water storage reservoir, in addition to the existing Moore Reservoir. Construction of a chemical room to house recholrination facilities, including a 4,450 L storage tank, two chemical metering pumps, two chlorine residual analysers and necessary piping.
Contaminants:	
Emission Control:	

Site: ***The Regional Municipality of Halton***
Dundas Street (Regional Road 5) Oakville ON

Database: CA

Certificate #:	7683-8LBNUQ
Application Year:	2011
Issue Date:	9/23/2011
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***SILWELL DEV. LTD.-LOTS 15 & 16, CONC. 1***
ST. 'D'/DUNDAS ST. OAKVILLE TOWN ON

Database: CA

Certificate #:	3-0110-92-
Application Year:	92
Issue Date:	2/12/1992
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Lot 16 and 17, Concession 1 S DS Oakville ON

Database: CA

Certificate #: 4288-4NHS2K
Application Year: 00
Issue Date: 8/24/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: Construction of storm sewers in conjunction with Contract No. R-2015A-2000, on Dundas Street (Regional Road 5) from 450m west of Towne Boulevard to 170m west of Sixth Line.
Contaminants:
Emission Control:

Site: ***The Corporation of the Town of Oakville***
Sixth Line Oakville ON

Database: ***CA***

Certificate #: 4598-8M5Q3G
Application Year: 2011
Issue Date: 10/26/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the Town of Oakville***
Sixth Line Oakville ON

Database: ***CA***

Certificate #: 0985-5WKN4W
Application Year: 2004
Issue Date: 3/1/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
Dundas St Oakville ON

Database: ***CA***

Certificate #: 6286-6YFLLC
Application Year: 2007
Issue Date: 2/15/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***SILVELL DEVELOPMENTS LIMITED***
DUNDAS ST., PT.LOTS 13-15,SWM OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0347-96-
Application Year: 96
Issue Date: 5/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BAYSHIRE INVESTMENTS LIMITED***
DUNDAS ST. S.W.M. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1481-92-
Application Year: 92
Issue Date: 12/1/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
Sixth Line Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 7459-5PRQDN
Approval Date: 2003-07-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Sixth Line
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Melrose Investments Inc.***
South of Dundas Street Oakville ON L6J 0A7

Database: ***ECA***

Approval No: 2513-9BHJA5
Approval Date: 2013-09-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: South of Dundas Street
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3399-9B9J9E-14.pdf

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Site: ***The Corporation of the Town of Oakville***
From approx. 90 m North of Dundas Street E to 290 m North of Dundas St E Oakville ON L6J 5A6

Database: ***ECA***

Approval No: 4242-7UEH69
Approval Date: 2009-08-04
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: From approx. 90 m North of Dundas Street E to 290 m North of Dundas St E
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5340-7UCJBD-14.pdf

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Site: ***The Regional Municipality of Halton***
Dundas St Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 6286-6YFLLC
Approval Date: 2007-02-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Dundas St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1463-6YCPRC-14.pdf

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Site: ***The Regional Municipality of Halton***
Dundas Street (Regional Road 5) Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 7683-8LBNUQ
Approval Date: 2011-09-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Dundas Street (Regional Road 5)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5398-8LARP7-14.pdf

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Site: ***The Regional Municipality of Halton***
Dundas Street (Regional Road 5) Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 1689-ACRL59
Approval Date: 2016-08-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Dundas Street (Regional Road 5)

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5930-A6DTKG-14.pdf

---

Site: ***Sixth Line Corporation***
6th Line Lots 15 & 16, Concession 1 north of Dundas Oakville ON L7L 0A2

Database: ***ECA***

Approval No: 5510-A9DQJJ
Approval Date: 2016-04-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 6th Line Lots 15 & 16, Concession 1 north of Dundas
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6638-A5UJEH-14.pdf

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Site: ***The Corporation of the Town of Oakville***
Sixth Line Oakville ON

Database: ***ECA***

Approval No: 0985-5WKN4W
Approval Date: 2004-03-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Sixth Line
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7465-5WGM2S-14.pdf

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Site: ***The Regional Municipality of Halton***
Sixth Line Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 0074-6W2K54
Approval Date: 2006-12-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Sixth Line
Full Address:
Full PDF Link:

Site: ***EMGO (North Oakville I) Ltd.***
Part of Lot 15, Concession 1 Oakville ON L7M 4P8

Database: ***ECA***

Approval No: 3267-AZJN9A
Approval Date: 2018-06-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part of Lot 15, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5094-AZHNMK-14.pdf

Site: ***The Regional Municipality of Halton***
Dundas Street (Regional Road 5) Oakville ON L6M 3L1

Database: ***ECA***

Approval No:	5144-9VYPUD	***MOE District:***	
Approval Date:	2015-04-30	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Dundas Street (Regional Road 5)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3332-9MKHUQ-14.pdf		

Site: ***The Corporation of the Town of Oakville***
Sixth Line Oakville ON L2J 5A6

Database: ***ECA***

Approval No:	4598-8M5Q3G	***MOE District:***	
Approval Date:	2011-10-26	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Sixth Line		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7672-8K4M3J-14.pdf		

Site: ***The Regional Municipality of Halton***
Dundas St Oakville ON L6M 3L1

Database: ***ECA***

Approval No:	9133-8PBLUJ	***MOE District:***	
Approval Date:	2012-01-31	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Dundas St		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8212-8GZQZK-14.pdf		

Site:
Part of Lot 15, Concession 1, North of Dundas Street, Geographic Township of Oakville, Regional Oakville ON

Database: ***EHS***

Order No:	20110506032	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	5/17/2011	***Search Radius (km):***	0.25
Date Received:	5/6/2011 4:52:57 PM	***X:***	-79.732713
Previous Site Name:		***Y:***	1
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Site:
Dundas Street West Oakville ON

Database: ***EHS***

Order No:	20101015006	**Nearest Intersection:**	Third Line and Dundas Street West
Status:	C	**Municipality:**	Halton
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	10/25/2010	**Search Radius (km):**	0.25
Date Received:	10/15/2010 10:15:23 AM	**X:**	-79.773869
Previous Site Name:		**Y:**	1
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

Site: ***Enbridge Pipelines Inc.***
ON

Database: ***PTTW***

EBR Registry No:	012-5396	**Decision Posted:**	
Ministry Ref No:	3204-A32LJ3	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	February 24, 2017	**Act 2:**	
Proposal Date:	October 13, 2015	**Site Location Map:**	
Year:	2015		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Enbridge Pipelines Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	10130 103 Street, Edmonton Alberta, Canada T5J 3N7		
Comment Period:			
URL:			

Site Location Details:

Lot: 2 to 7, Concession: Range 4 North of Dundas Street, Geographic Township: TORONTO, Mississauga, City, Regional Municipality of Peel Lot: 1 to 2 and 7 to 8, Concession: Range 5 North of Dundas Street, Geographic Township: TORONTO, Mississauga, City, Regional Municipality of Peel Lot: 1 to 7, Concession: 2 North of Dundas Street, Geographic Township: TRAFALGAR, Oakville, Town, Regional Municipality of Halton Lot: 11 to 24 and 31 to 35, Concession: 2 North of Dundas Street, Geographic Township: TORONTO, Mississauga, City, Regional Municipality of Peel CITY OF MISSISSAUGA TOWN OF OAKVILLE

Site:
Sixteen Mile Drive, Sixth Line & Dundas St W Oakville ON

Database: ***SPL***

Ref No:	5012-A9LJS6	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/05/03	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	Sixteen Mile Drive, Sixth Line & Dundas St W
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Oakville
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	4814259
MOE Response:	No	**Easting:**	601890
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/05/03	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	Mattamy Homes<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Mattamy Homes: ~ 45 L diesel to land, cntd & clng		

Contaminant Qty: 45 L

Site: ***Terratec Environmental Ltd.***
Lot 15 Con 1 NDS Oakville ON

Database: ***SPL***

Ref No:	1073-5S4PFZ	***Discharger Report:***	
Site No:		***Material Group:***	Waste
Incident Dt:	10/7/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Process Upset	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	Liquid Sewage	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Halton-Peel
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Central
Environment Impact:	Possible	***Site Municipality:***	Oakville
Nature of Impact:	Soil Contamination; Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Land & Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/7/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills
Incident Reason:	Equipment Failure	***Source Type:***	

Site Name: FARM FIELD AT NE CORNER OF 6TH LINE AND DUNDAS STREET<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Terratec Env: <50 Gal biosolids spill
Contaminant Qty: 227.5 L

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	01/02/1986	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970

Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS 1 CONDITION IN THE CERTIFICATE AND ALSO SCHEDULE "A" IS ATTACHED.
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	04/17/1980	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE ARE 2 CONDITIONS IN THE CERTIFICATE AND THERE IS ALSO THE SCHEDULE "B".
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	10/10/1975	***Process Vol (m³):***	0

Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	08/31/1976	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:

Landfill Ctrl Type:
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	08/10/1971	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	07/06/1972	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0

Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	07/24/1973	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:

Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Approval No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	06/16/1974	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Site Concession:***	4 AND 3, SDS
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:	0	***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	Halton-Peel
Prop City:	OAKVILLE, ONTARIO	***Latitude:***	
Prop Postal:	L6V-5A5	***Longitude:***	
Prop Phone:		***Geometry X:***	
Serial Link:	210406	***Geometry Y:***	

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2019

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-Oct 2018

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-Jan 31, 2020

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.
Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

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 - Jun 2020

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-Dec 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jul 31, 2020

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Jul 31, 2020

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jul 31, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Jul 31, 2020

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-Jul 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

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, 2019

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Apr 30, 2020

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 2017

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry 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: Feb 28, 2019

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-Jan 2020

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, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2020

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-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jul 31, 2020

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-Jul 31, 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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Jul 31, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2020

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-Jan 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-JuL 31, 2020

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: Apr 30, 2020

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

SELECTED AERIAL PHOTOGRAPHS

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1934

Project No: 9550

Imagery Date: 1934, National Air Photo Library

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1954

Project No: 9550

Imagery Date: 1954, National Air Photo Library

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1965

Project No: 9550

Imagery Date: 1965, National Air Photo Library

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1979

Project No: 9550

Imagery Date: 1979, National Air Photo Library

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 1985

Project No: 9550

Imagery Date: 1985, National Air Photo Library

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 2005

Project No: 9550

Imagery Date: 2005, Google Earth Imagery

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE

N

TRUE

AERIAL PHOTO SHOWING
PHASE ONE PROPERTY - 2015

Project No: 9550

Imagery Date: 2015, Google Earth Imagery

S2S Environmental Inc.

DATE:	SITE LOCATION:	SCALE:
SEP 28, 2020	3043 SIXTH LINE OAKVILLE, ONTARIO	NOT TO SCALE