Phase One Environmental Site Assessment

"Area 1"

1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road
Oakville, Ontario

Prepared For:

Bronte River LP 4900 Palladium Way, Suite 105 Burlington, Ontario L7M 0W7

DS Project No: 20-186-100

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Executive Summary

DS Consultants Ltd. (DS) was retained by Bronte River LP to complete a Phase One Environmental Site Assessment of the Site comprised of a portion of the properties associated with the municipal addresses of 1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road, Oakville, Ontario, identified as "Area 1" and herein collectively referred to as the "Phase One Property" or the "Site". It is DS' understanding that this Phase One ESA has been requested for due diligence purposes in order to support the proposed redevelopment of the Property for residential purposes. It is further understood that the proposed redevelopment will consist of residential townhouses and detached homes.

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA were to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

The Phase One Property is a 3.76-hectare parcel of land comprised of five (5) separate residential properties with the municipal addresses of: 1300, 1316, 1326, 1342 and 1350 Bronte Road, Oakville, Ontario. Only the north portion of the property with the municipal address of 1300 and 1316 Bronte Road, and the east portion of 1342 Bronte Road form part of the Phase One Property. The Phase One Property is located approximately 700 metres south of the intersection of Bronte Road and Upper Middle Road West. A Site Location Plan is provided in Figure 1. The Site included the following features at the time of this assessment:

- The portion of 1300 Bronte Road located on the Phase One Property included a large twostory residential dwelling located in the south-western portion of the Site. The residential dwelling was approximately 270 m² in area, and contained one (1) aboveground fuel oil storage tank (AST) within the north-western corner of the basement. One recreational pond (Pond 1) was located within the central portion of the property. One (1) vehicle parking garage was located within the central portion of the property (Shed 1);
- The portion of 1316 Bronte Road located on the Phase One Property, was located within the eastern portion of the Site and consisted of a single-story residential dwelling approximately 80 m² in area, containing a heating fuel oil AST located immediately north of the house;

- ♦ 1326 Bronte Road consisted of a rectangular shaped parcel of land including a two-story residential dwelling approximately 170 m². 1326 also contained a barn (Shed 3) used as a general storage space. The residential dwelling had a heating fuel oil AST within the northwestern corner of the basement.
- The portion of 1342 Bronte Road located on the Phase One Property, was located within the eastern portion of the Site and included a two-story residential dwelling approximately 140 m² in area with a separate barn (Shed 4) used as a general storage space. The residential dwelling had a heating fuel oil AST within the northwestern corner of the basement.
- ♦ 1350 Bronte Road was located within the north eastern portion of the Site. The rectangular shaped parcel of land was developed with a single-story residential dwelling approximately 260 m² in area, with an attached single car garage, a work/storage shed and a greenhouse. One (1) heating fuel oil AST within the basement was reportedly utilized for the residential dwelling up until approximately 2005 when it was removed and a gas fired furnace installed.

The majority of the Site was historically operated as an orchard, prior to the 1930s to the mid-1980s. 1326 and 1342 Bronte Road were utilized for residential purposes from the 1930s until present. 1300 and 1316 Bronte Road were utilized for residential purposes from the 1990s to present. The Phase One Property is currently used for residential purposes.

Based on the results of the Phase One ESA, DS presents the following findings:

- The topography of the Phase One Property is generally flat, with a surface elevation of 130 masl. The topography within the Phase One Study Area generally slopes to the southwest, towards Bronte Creek, which is the nearest body of water, located approximately 60 metres to the west of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 8-12 mbgs. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southwesterly towards Bronte Creek. Long term groundwater monitoring would be required in order to confirm the direction of groundwater flow on the Phase One Property;
- ◆ Based on a review of the OGS Earth database, the Phase One Property is situated within a South Slope physiographic region. The surficial geology within the Phase One Study area is described as Halton Till, predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor. The bedrock is described as shale, limestone, dolostone, siltstone of the Queenston Formation. Based on a the Terraprobe 2016 Geotechnical Slope Stability and Streambank Erosion Analysis, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 6.1 to 12.2 metres below ground surface (mbgs);
- One (1) fuel oil Above-ground Storage Tank (AST) utilized for heating was observed in the basement of 1300 Bronte Road (**PCA-1**). One (1) diesel tank with a 1,360-gallon capacity and

- which appeared to be in good condition, but without secondary containment, was located adjacent to Shed 2 south of the Phase One Property (**PCA-14**).
- One (1) fuel oil AST utilized for heating was observed in the basement of 1326 Bronte Road (PCA-2).
- One (1) fuel oil AST utilized for heating was observed in the basement of 1342 Bronte Road (PCA-3).
- One (1) fuel oil AST utilized for heating was observed on the eastern exterior of the residential dwelling at 1316 Bronte Road (**PCA-4**).
- One (1) fuel oil AST was reportedly utilized as a source of heating for the residential dwelling at 1350 Bronte Road up until approximately 2005 when it was removed (**PCA-5**).
- ♦ A soil berm was present within the central portion of the Phase One Property and was reported by the property owner to be comprised of excess soil generated from the widening of Bronte Road (**PCA-6**).
- The Property previously contained an orchard across the majority of the Site from the early 1930s to the mid-1980s with inferred pesticide use (**PCA-7**).
- ◆ The grading material surrounding the dwelling at 1300 Bronte Road was reportedly sourced from the excavation of Pond 1, and may potentially contain pesticides associated with the former historic orchard (PCA-8).
- The neighbouring properties within the Phase One Study Area appear to have been used for residential and agricultural purposes from the late 1880s.

Based on a review of the information available at this time it is concluded that eighteen (18) PCAs were identified on the Phase One Property and within the Phase One Study Area, of which eight (8) PCAs are considered to be contributing to eight (8) APECs in, on, or under the Phase One Property. A summary of the PCAs identified and the associated APECs is provided in Table 1-1 below. Note that the PCA numbers used below are per Table 2, Schedule D of O.Reg. 153/04.

Table E-1: Summary of APECs

Area of Potential Environ mental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off- site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Fuel Oil tank at the residential dwelling at 1300 Bronte Road		On Site PCA-1	PHCs, PAHs, BTEX	Soil and groundwater
APEC-2	Fuel Oil tank at the residential dwelling at 1326 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-2	PHCs, PAHs, BTEX	Soil and groundwater
APEC-3	Fuel Oil tank at the residential dwelling at 1342 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-3	PHCs, PAHs, BTEX	Soil and groundwater

Area of Potential Environ mental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off- site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-4	Fuel Oil tank at the residential dwelling at 1316 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-4	PHCs, PAHs, BTEX	Soil and groundwater
APEC-5	Previous Fuel Oil tank at the residential dwelling at 1350 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-5	PHCs, PAHs, BTEX	Soil and groundwater
APEC-6	Soil berm located north of Pond 1 at 1300 Bronte Road	#30 - Importation of Fill Material of Unknown Quality	On Site PCA-6	PAHs, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR	Soil
APEC-7A	Entire Phase One Property	#40 - Pesticides (including Herbicides, Fungicides and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications		OCs, metals As, Sb, Se, CN-	Soil
APEC-7B	Graded land at the residential dwelling at 1300 Bronte Road	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-8	OCs, metals As, Sb, Se, CN-	Soil

Based on the findings of this Phase One ESA, a Phase Two ESA is recommended in order to investigate the aforementioned APECs and to assess the environmental soil and groundwater conditions on the Phase One Property. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by Bronte River LP to complete a Phase One Environmental Site Assessment of the Site comprised of a portion of the properties associated with the municipal addresses of 1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road, Oakville, Ontario, identified as "Area 1" and herein collectively referred to as the "Phase One Property" or the "Site". It is DS' understanding that this Phase One ESA has been requested for due diligence purposes in order to support the proposed redevelopment of the Property for residential purposes. It is further understood that the proposed redevelopment will consist of residential townhouses and detached homes.

The intended future property use (residential) is not considered to be a more sensitive property use as defined under O.Reg. 153/04 (as amended) than the current residential use; therefore the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) is not mandated under O.Reg. 153/04.

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA are to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

1.1 Phase One Property Information

The information for the Phase One Property is provided in the following Table.

Table 1-1: Phase One Property Information

Criteria	Information	Source
Legal Description	1300 Bronte Rd PT LT 31, CON 2 TRAFALGAR SOUTH OF DUNDAS STREET, AS IN 609762; OAKVILLE 1316 Bronte Rd PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, AS IN 159261; OAKVILLE/TRAFALGAR 1326 Bronte Rd PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, AS IN 488493; OAKVILLE/TRAFALGAR 1342 Bronte Rd PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, PART 2, 20R2730; OAKVILLE/TRAFALGAR 1350 Bronte Rd PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, PART 1, 20R2730; OAKVILLE/TRAFALGAR	Chain of Title
Property Identification Number (PIN)	1300 Bronte Rd 24926-0038 1316 Bronte Rd 24926-0037 1326 Bronte Rd 24926-0036 1342 Bronte Rd 24926-0035 1350 Bronte Rd 24926-0034	Chain of Title
Municipal Address	1300, 1316, 1326, 1342 and 1350 Bronte Road, Oakville, Ontario	Chain of Title
Property Owner	Bronte River LP	Client
Property Owner Contact Information	Bronte River LP Represented by: Julian Pompeo julian@argoland.com	Client
Site Area	3.76 hectares	GIS
Centroid UTM Coordinates	Northing: 4807885.93 m N Easting: 600981.09 m E Zone: 17T	Google Earth

1.2 Site Description

The Phase One Property is a 3.76 hectare area of land comprised of a portion of five (5) separate residential properties with the municipal addresses of: 1300, 1316, 1326, 1342 and 1350 Bronte Road. The Site is situated within a mixed residential, commercial and parkland neighborhood in the Town of Oakville, Ontario. The Phase One Property is located approximately 700 metres south of the intersection of Bronte Road and Upper Middle Road West. A Site Location Plan is provided in Figure 1. The Site included the following features at the time of this assessment:

- The portion of 1300 Bronte Road located on the Phase One Property included a large twostory residential dwelling located in the south-western portion of the Site. The residential dwelling was approximately 270 m² in area, and contained one (1) aboveground fuel oil storage tank (AST) within the north-western corner of the basement. One recreational pond (Pond 1) was located within the central portion of the property. One (1) vehicle parking garage was located within the central portion of the property (Shed 1);
- ♦ The portion of 1316 Bronte Road located on the Phase One Property, was located within the eastern portion of the Site and consisted of a portion of a single-story residential dwelling approximately 80 m² in area, containing a portion of heating fuel oil AST located immediately north of the house;
- ♦ 1326 Bronte Road consisted of a rectangular shaped parcel of land including a two-story residential dwelling approximately 170 m². 1326 also contained a barn (Shed 3) used as a general storage space. The residential dwelling had a heating fuel oil AST within the northwestern corner of the basement.
- The portion of 1342 Bronte Road located on the Phase One Property, was located within the eastern portion of the Site and included a two-story residential dwelling approximately 140 m² in area with a separate barn (Shed 4) used as a general storage space. The residential dwelling had a heating fuel oil AST within the northwestern corner of the basement.
- ♦ 1350 Bronte Road was located within the north eastern portion of the Site. The rectangular shaped parcel of land was developed with a single-story residential dwelling approximately 260 m² in area, with an attached single car garage, a work/storage shed and a greenhouse. One (1) heating fuel oil AST within the basement was reportedly utilized for the residential dwelling up until approximately 2005 when it was removed and a gas fired furnace installed.

For the purposes of this report, Upper Middle Rd. West is assumed to be aligned in an east-west orientation, and Bronte Road in a north-south orientation. A Plan of Survey was not provided at the time of this investigation. A Plan of Survey will be required prior to the submission of a Record of Site Condition (if applicable). A Site Plan depicting the orientation of the buildings on-site is provided in Figure 2.

2.0 Scope of Investigation

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04, as amended (Phase One ESA requirements). This included:

- A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
 - Physical setting information such as aerial photographs, topographic mapping, available historical maps and drawings;
 - Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DS;
 - Geological and hydrogeological information in published government maps and/or reports;
 - A review of information on file with Environmental Risk Information Services (ERIS), a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries;
 - Review of fire insurance plans, municipal directory documentation and available environmental reports that are pertinent to the Phase One Property;
 - Regulatory Information, including such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property, orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, bylaws, and permits that may impact the condition of the property;
 - Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
 - The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.
- Interviews with available individuals having knowledge of current and/or past site activities;
- An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:
 - The site operations, processes, and waste management currently carried out on the Phase One Property.

- The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
- The source of potable water for the Phase One Property and properties within the Phase One Study Area;
- The potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs);
- Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
- The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;
- Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
- The potential presence of various Designated Substances and building materials including:
 - Friable and non-friable asbestos
 - o Urea formaldehyde foam insulation (UFFI)
 - o Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
 - o PCB-containing materials and electrical equipment
 - Lead-based paint
 - o Mould
- The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
- General site conditions, including topography and drainage, standing water, right-ofways, presence of underground utilities, evidence of stained or odorous soils, and stressed vegetation.
- Evaluation of the information and documentation of the results in the form of a Phase One ESA Report.

The objectives of the Phase One ESA are:

- 1. To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property;
- 2. To identify potentially contaminating activities within the Study Area (i.e., areas within 250 m of the Property), and to assess if Areas of Potential Environmental Concern (APECs) exist on the Phase One Property;
- 3. To identify the Potential Contaminants of Concern associated with the PCAs identified; and
- 4. To provide a basis for subsequent investigation, if required, based on the findings of the Phase One ESA.

3.0 Records Review

3.1 General

3.1.1 Phase One Study Area Determination

Based on a review of the available historical records and the observations made during the Phase One Site Reconnaissance, no heavy industrial properties or other relevant potentially contaminating activities were observed which were considered to merit expanding the Phase One Study Area. As such the Phase One Study Area was defined by a 250 metres radius around the Phase One Property boundary, in accordance with O.Reg. 153/04 (as amended).

The properties within 250 m of the Phase One Property generally consist of residential and parkland land uses. An assessment of the historical and current use of all properties within the Phase One Study Area was conducted in order to assess for the presence/absence of potentially contaminating activities. A summary of the potentially contaminating activities identified within the Phase One Study Area is provided under Section 6.2. A plan depicting the Phase One Study Area limits as well as the current land uses is presented in Figure 3.

3.1.2 First Developed Use Determination

The first developed use of the Phase One Property is considered under O.Reg. 153/04 (as amended) to be either the first use of the Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, or the first potentially contaminating use or activity on the Phase One Property.

The determination of the first developed use of the Phase One Property was based on a review of available aerial photographs, historical maps, fire insurance plans, chain of title search, and interviews. The date of patent for the Site was 1825, and it is inferred that the Site was used for agricultural purposes from 1825 until the early 1900s (between 1909 and 1934) when the houses at 1316, 1326, 1342 and 1350 Bronte Road were constructed. The first developed use for the Site is considered to be for residential purposes prior to 1934.

3.1.3 Fire Insurance Plans

Fire Insurance Plans (FIPs) were prepared between 1875 and 1923 and revised in some areas until the 1970s. Opta Information Intelligence (Opta) was retained to obtain copies of available FIPs for the Site and adjoining properties. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc.

The search found no FIPs for the Phase One Property, or any other properties within the Phase One Study Area.

3.1.4 Chain of Title

A Chain of Title search was not provided by the Client at the time of the investigation. However, a chain of title was Appended in the previous Phase One ESA (Soil-Mat 2018) completed for the four (4) out of five (5) parcels of land that comprise the Phase One Property. Detail is provided below:

1300 Bronte Road

A Chain of Title search for 1300 Bronte Road was prepared as part of the Soil-Mat 2018 Phase One ESA. The Chain of Title covered the period from 1830 to 2016 and is summarized in Section 6.1 of this report. The Chain of Title search indicated that the date of patent for 1300 Bronte Road was 1825. The Phase One Property appears to have been occupied by various private individuals from 1825 to 1984 when the property was acquired by the current owner. Based on the information obtained from the aerial photographs, it is inferred that the first developed use of the Phase One Property was for agricultural use. Information for the chain of title and parcel register is provided in Appendix A.

Table 3-1: Chain of Title for 1300 Bronte Road

Owner	Dates Occupied		
Joyce Enns	November 14, 1984		
Audrey A. Danychuk	November 28, 1980 – November 14, 1984		
Joan Blake	May 1, 1972 – November 28, 1980		
Anna Thiessen	August 16, 1971 – May 1, 1972		
Gerald E. Beckett & Marion A. Beckett	April 23, 1954 - August 16, 1971		
Fred W. Peel	September 15, 1948 - April 23, 1954		
Edwin Darlington	April 24, 1918 - September 15, 1948		
Herbert Inglehart & Walter L. Sheridan	February 16, 1910 - April 24, 1918		
Herbert Inglehart	November 9, 1898 - February 16, 1910		
Paul Campbell	November 9, 1898		
The Canada Life Assurance Co.	November 17, 1891 - November 9, 1898		
David Watson Campbell	June 1, 1877 - November 17, 1891		
John White & James White	February 16, 1849 - June 1, 1877		
John White	July 24, 1847 - February 16, 1849		
Henry Bails	March 24, 1830 - July 24, 1847		
William Bails	November 12, 1825 - March 24, 1830		
Crown	Up to November 12, 1825		

1316 Bronte Road

A Chain of Title search for 1316 Bronte Road was prepared as part of the Soil-Mat 2018 Phase One ESA. The Chain of Title covered the period from 1825 to 2000 and is summarized in Section 6.1 of this report. The Chain of Title search indicated that the date of patent 1316 Bronte Road was 1825. 1316 Bronte Road appears to have been occupied by various private individuals from 1801 to 2000. Based on the information provided, it is inferred that the first developed use of 1316 Bronte Road was for residential land use. Information for the chain of title and parcel register is provided in Appendix A.

Table 3-2: Chain of Title for 1316 Bronte Road

Owner	Dates Occupied		
Victor Penn Enns	January 10, 2000		
Piet Van Dyken	March 6, 1998 - January 10, 2000		
Piet Van Dyken & Miep Van Dyken	November 1, 1963 – March 6, 1998		
Willian Dedor & Dophie Dedor	January 7, 1957 – November 1, 1963		
Leonard DeBoard & Josephine DeBoard	January 15, 1955 - January 7, 1957		
John Orpin & Ethel Elizabeth Orpin	May 1, 1951 - January 15, 1955		
Fred W. Peel	September 15, 1948 - May 1, 1951		
Edwin Darlington	April 24, 1918 - September 15, 1948		
Herbert Inglehart & Walter L. Sheridan	February 16, 1910 - April 24, 1918		
Herbert Inglehart	November 9, 1898 - February 16, 1910		
Paul Campbell	November 9, 1898		
The Canada Life Assurance Co.	November 17, 1891 - November 9, 1898		
David Watson Campbell	June 1, 1877 - November 17, 1891		
John White & James White	February 16, 1849 - June 1, 1877		
John White	July 24, 1847 - February 16, 1849		
Henry Bails	March 24, 1830 - July 24, 1847		
William Bails	November 12, 1825 - March 24, 1830		
Crown	Up to November 12, 1825		

1326 Bronte Road

A Chain of Title search for 1326 Bronte Road was prepared as part of the Soil-Mat 2018 Phase One ESA. The Chain of Title covered the period from 1825 to 2002 and is summarized in Section 6.1 of this report. The Chain of Title search indicated that the date of patent for 1326 Bronte Road was 1825. The Phase One Property appears to have been occupied by various private individuals from 1801 to 2000 when a private company (1442839 Ontario Limited) become the owner of the property. Based on the information provided, it is inferred that the first developed use of the Phase One Property was for residential use. Information for the chain of title and parcel register is provided in Appendix A.

Table 3-3: Chain of Title for 1326 Bronte Road

Owner	Dates Occupied		
1442839 Ontario Limited	October 12, 2000		
Bruce Lofquist & Carolyn Lofquist	September 22, 1978 - October 12, 2000		
Isabelle G. Lofquist	August 8, 1986 - September 22, 1978		
Frederick J. McCallum & Alice E. McCallum	October 17, 1955 - August 8, 1986		
Franke S. Duncan & Annie M. Greene	May 12, 1950 - October 17, 1955		
Fred W. Peel	September 15, 1948 - May 12, 1950		
Edwin Darlington	April 24, 1918 - September 15, 1948		
Herbert Inglehart & Walter L. Sheridan	February 16, 1910 - April 24, 1918		
Herbert Inglehart	November 9, 1898 - February 16, 1910		
Paul Campbell	November 9, 1898		
The Canada Life Assurance Co.	November 17, 1891 - November 9, 1898		
David Watson Campbell	June 1, 1877 - November 17, 1891		

Phase One ESA-Area 1: 1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road, Oakville, Ontario

Owner	Dates Occupied		
John White & James White	February 16, 1849 - June 1, 1877		
John White	July 24, 1847 - February 16, 1849		
Henry Bails	March 24, 1830 - July 24, 1847		
William Bails	November 12, 1825 - March 24, 1830		
Crown	Up to November 12, 1825		

1342 Bronte Road

A Chain of Title search for 1342 Bronte Road was prepared as part of the Soil-Mat 2018 Phase One ESA. The Chain of Title covered the period from 1825 to 2010 and is summarized in Section 6.1 of this report. The Chain of Title search indicated that the date of patent for 1342 Bronte Road was 1825. 1342 Bronte Road appears to have been occupied by various private individuals from 1825 to 2010. Based on the information provided, it is inferred that the first developed use of the Phase One Property was for residential use. Information for the chain of title and parcel register is provided in Appendix A.

Table 3-4: Chain of Title for 1342 Bronte Road

Owner	Dates Occupied		
Victor Peter Enns	March 24, 2005		
Diana Lorinda Lopatto	May 27, 1998 - March 24, 2005		
William B. Sculthorpe	August 11, 1980 - May 27, 1998		
William B. Sculthorpe & Lynda R. Hill	April 27, 1978 - August 11, 1980		
Clifford Russell Lawrence	April 8, 1951 - April 27, 1978		
Russell Lawrence	January 4, 1917 - April 8, 1951		
Herbert Inglehart	November 9, 1898 – January 4, 1917		
Paul Campbell	November 9, 1898		
The Canada Life Assurance Co.	November 17, 1891 - November 9, 1898		
David Watson Campbell	June 1, 1877 - November 17, 1891		
John White & James White	February 16, 1849 - June 1, 1877		
John White	July 24, 1847 - February 16, 1849		
Henry Bails	March 24, 1830 - July 24, 1847		
William Bails	November 12, 1825 - March 24, 1830		
Crown	Up to November 12, 1825		

A chain of title search for 1350 Bronte Road has not been prepared but will be required before a Record of Site Condition can be submitted.

3.1.5 Environmental Reports

DS reviewed the following environmental reports prepared for the Property. The reports were provided by the client to DS.

"Geotechnical Slope Stability and Streambank Erosion Analysis, 1300 Bronte Road, Oakville, Ontario", prepared for Mr. Victor Enns & Ms. Joyce Enns, prepared by Terraprobe Inc., dated

May 19, 2016 (Terraprobe 2016 Geotechnical Slope Stability and Streambank Erosion Analysis);

- ◆ "Phase One Environmental Site Assessment, 1300 1342 Bronte Road, Oakville, Ontario", prepared for Mr. Victor Enns, prepared by Soil-Mat Engineers & Consultants Ltd., dated December 11, 2018 (Soil-Mat 2018 Phase One ESA), and;
- ◆ "Environmental Soil testing, 1300 1342 Bronte Road, Oakville, Ontario", prepared for Mr. Victor Enns, prepared by Soil-Mat Engineers & Consultants Ltd., dated July 21, 2020 (Soil-Mat 2020 Environmental Soil Testing).

These reports were reviewed in order to assess for the presence of known or suspected PCAs and APECs, and to determine if there are known soil and/or groundwater impacts on the Phase One Property or on Properties within the Phase One Study Area.

It should be noted that the reports were completed for the entirety of 1300, 1316, 1326 and 1342 Bronte Road, which includes lands which are excluded from this report (i.e. Area 2). The findings pertaining to Area 2 are enclosed under a separate report.

Based on the information reviewed by DS, the location of the Phase One Property, and the proposed future land use (residential), the most applicable Site Condition Standards as defined by the Ministry of the Environment, Conservation, and Parks (MECP) in the document "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", dated April 15, 2011 are considered to be:

◆ Table 2 SCS: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition for Residential/Parkland/Institutional Use with coarse-textured soils.

As per the above, it is noted that as the Phase One Property is not within 30m of the Bronte Creek Provincial Park, or any other Area of Natural and Scientific Interest, the MECP Table 2 SCS Full Depth Generic Site Condition Standards for use in a Potable Ground Water Condition for Residential / Parkland / Institutional land uses having coarse textured soils should be applied.

The analytical data provided in the previous reports were compared to the Table 2 SCS (as applicable) in order to assess whether there are known areas of impacted soil and/or groundwater on the Phase One Property. A summary of the pertinent details of the reports reviewed is provided below, as is a detailed summary of the Soil-Mat (2020) Environmental Soil Testing Report:

Terraprobe 2016 Geotechnical Slope Stability and Streambank Erosion Analysis

The Geotechnical Slope Stability and Streambank Erosion Analysis completed by Terraprobe consisted of advancing three (3) boreholes within the valley slope situated within the far south western portion of 1300 Bronte Road – adjacent to the border with the Provincial Park which sloped steeply for approximately 30-40 metres before meeting the Bronte Creek riverbed within the Park.

The report provided geotechnical engineering recommendations for the long-term stability of the Site slope.

The following pertinent information was noted by DS:

- Disturbed/weathered soil material was encountered in all three (3) boreholes beneath the surficial topsoil layer, it extended to depths ranging from 0.8 to 2.3 metres below ground surface (mbgs). The disturbed soil material predominantly consisted of sandy silt with trace gravel and trace amounts of clay as well as trace organics;
- ◆ Bedrock was encounter in all three (3) boreholes at depths ranging from 6.1 to 12.2 mbgs;
 and
- Two (2) piezometers were installed upon the advancement of the boreholes. The groundwater level on February 24, 2016 was between 9.8 and 11.8 mbgs.

Soil-Mat 2018 Phase One ESA

The Soil-Mat Report included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The following pertinent information was noted by DS:

- The four (4) properties that comprised the Phase One Property are owned by Victor Peter Enns, 144839 Ontario Limited and Joyce Enns;
- ♦ A chain of title was performed to the four properties comprising the Phase One Property. A summary is provided in Section 3.1.4 above.
- The Property was first developed use was established to be for residential purposes between 1909 and 1938;
- During the Site reconnaissance the following was observed:
 - One (1) heating fuel AST was observed in the basement of 1300 Bronte Road (**PCA-1**);
 - One (1) heating fuel AST was observed in the basement of 1326 Bronte Road (**PCA-2**);
 - One (1) heating fuel AST was observed in the basement of 1342 Bronte Road (**PCA-3**);
 - One (1) heating fuel AST was observed on the exterior ground adjacent to the eastern wall of the dwellings at 1316 Bronte Road (**PCA-4**);
- ♦ A berm was observed adjacent of the man-made pond, from the interview with Mr. Enns it was suggested that the material in the berm is comprised of excess material generated during the road widening of Bronte Road near the Site, no chemical analysis was performed to the soil previous to the importation of the material to the Phase One Property (**PCA-6**); and
- An orchard formerly operated accross the majority of the Site (PCA-7); and
- ◆ From an interview with Mr. Enns, it was mentioned that the fill surrounding the dwelling at 1300 Bronte Road was comprised of excess material generated during a man-made pond. DS considers that the fill material moved to the dwelling may be impacted with the pesticides applied on the Property when operating as an orchard (PCA-8).

Soil-Mat provided the following recommendations and conclusions:

- Importation of fill material within the footprint of the demolished building previously located to the south end of the Property was identified as a PCA. It was recommended the advancement of two (2) hand auger boreholes within the footprint of a demolished building located at 1300 Bronte Road. It is noted that the reportedly demolished building was found to be still intact (Shed 2) at the time of the Phase One Site Reconnaissance completed by DS;
- The majority of the Site was formerly utilized as an orchard. Ten (10) to twelve (12) hand augured boreholes across the Site were recommended to investigate the topsoil and native material of the Site for OCs lead and arsenic;
- A berm was observed adjacent of the man-made pond, and the material is comprised of
 material generated during the road widening of Bronte Road near the Site. Four (4) to five
 (5) hand augured boreholes within the on-Site berm was recommended to investigate the fill
 material brought to the berm; and
- Four (4) heating fuel ASTs were observed on the Property. Due to visual evidence, the ASTs were not considered to contribute to an APEC.

Soil-Mat 2020 Environmental Soil Testing

The Soil-Mat Environmental Soil testing investigation was completed to investigate the aforementioned PCAs identified in the Soil-Mat 2018 Phase One ESA. The investigation involved the advancement of twenty (20) hand augered boreholes advanced to a maximum depth of 0.9 mbgs. The majority of the samples were collected from the existing surficial topsoil and surficial soil. Four (4) samples were collected within the berm just east of the on-Site pond to a maximum depth of 0.3 mbgs.

Select soil samples were submitted for analysis of metals and inorganics, OCs, arsenic and lead. All of the locations tested by Soil-Mat (2020) were within the portions of the Site which are greater than 30m from the Bronte Creek Provincial Park, and as such the MECP Table 2 SCS were considered applicable.

The results of the chemical analyses indicated the following exceedances of the Table 2 SCS:

Table 3-5: Summary of Impacts Previously Identified in Soil

Sample ID	Sample Depth (mbgs)	Parameter	Units	Table 2 SCS	Reported Value
S2	0.0-0.1	DDE	μg/g	0.26	0.12
		DDE	μg/g	0.26	0.85
S3	0.0-0.1	Arsenic	μg/g	18	33
		Lead	μg/g	150	156
S4	0.0-0.1	DDE	μg/g	0.26	0.84

Sample ID	Sample Depth (mbgs)	Parameter	Units	Table 2 SCS	Reported Value
		Arsenic	μg/g	18	31
		Lead	μg/g	150	163
		DDE	μg/g	0.26	1.0
S5	0.2-0.3	DDD	μg/g	0.26	0.052
33		Arsenic	μg/g	18	38
		Lead	μg/g	150	189
	0.0-0.1	DDE	μg/g	0.26	0.44
S6		Arsenic	μg/g	18	31
		Lead	μg/g	150	149
S7	0.0-0.1	DDE	μg/g	0.26	0.081
S8	0.2-0.3	DDE	μg/g	0.26	0.069
S9	0.0-0.1	DDE	μg/g	0.26	0.22

Notes:

0.0 – Exceeds Table 2 SCS

Soil-Mat concluded that residual Organochlorine Pesticide (OCP) components are present within the southeastern portion of the Site (**PCA-9**), thus additional sampling is warranted to further delineate the horizontal extent of the adverse impacts with OCs in the topsoil and near surface soil.

Previous Report Summary

Based on a review of the previous environmental investigations completed for the Site, the following potentially contaminating activities were noted:

- ♦ #28 Gasoline and Associated Products Storage in Fixed Tanks Fuel oil tanks ASTs are
 present in each dwelling comprising the Site:
 - PCA-1: One (1) heating fuel AST was observed in the basement of 1300 Bronte Road;
 - **PCA-2:** One (1) heating fuel AST was observed in the basement of 1326 Bronte Road;
 - **PCA-3:** One (1) heating fuel AST was observed in the basement of 1342 Bronte Road;
 - **PCA-4:** One (1) heating fuel AST was observed on the exterior ground adjacent to the eastern wall of the dwellings at 1316 Bronte Road.
- ◆ PCA-6: #30 Importation of Fill Material of Unknown Quality The berm built east of the man-made pond at 1300 Bronte Road was comprised of fill material brought from soil generated from the road widening of Bronte Road.
- #40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
 - **PCA-7:** An orchard formerly operated accross the majority of the Site;

- **PCA-8**: The grading material used to surround the dwelling at 1300 Bronte Road was comprised of excess material generated during the excavation of the man-made pond at the same Property, the fill may be contaminated with pesticides from the former orchard operation.
- #N/S Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications - Soil samples more than 30 m outside of an Area of Natural Significance were identified on the southeast portion of the Site in the Soil-Mat 2020 Environmental Soil Testing investigation. The results of the analyses were found to exceed the applicable Table 2 SCS as follows:

• **PCA-9a**: Sample S3;

• **PCA-9b**: Sample S4 and S5;

• **PCA-9c**: Sample S6.

3.1.6 City Directories

The Phase One ESA previously completed by Soil-Mat (2018) included a City Directory Search, dating back to 1965 (the earliest entry available), until 2001 (the latest entry available). Based on DS' review of the City Directories, the following pertinent findings are presented:

Table 3-6: Summary of City Directory Findings

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Site - 1300 Bronte Road		
Occupant	Years Occupied	
Victor Enns	10+ years (1991-2001)	
Not listed	5+ years (1981 – 1986)	
Gerald E. Beckett	10+ years (1965-1975)	
Site - 1316 Bronte Road		
Occupant	Years Occupied	
P. Van Dyken	20+ years (1981-2001)	
No Return	4+ years (1971-1975)	
Peter Van Dyken	1+ year(s) (1965)	
Site - 1326 Bronte Road		
Occupant	Years Occupied	

Not Listed	1+ year(s) (2001)	
B. H. Lofquist	15+ years (1981-1996)	
C. Lofquist	1+ year(s) (1991)	
Hilmer B. Lofquist	10+ years (1965-1975)	
Site - 1342 Bronte Road		
Occupant	Years Occupied	
Occupant Not Listed	Years Occupied +1 year(s) (2001)	
-	-	
Not Listed	+1 year(s) (2001)	

The Soil-Mat report confirmed that no occupants of potential environmental liability were identified on the lands adjacent to 1300-1342 Bronte Road, which includes 1350 Bronte Road. The Chain of Title for 1350 Bronte Road which will be obtained prior to RSC filing will be used to establish the comprehensive table of current and past use for 1350 Bronte Road.

It should be noted that minor discrepancies in the occupant's names between the City Directories and the Chain of Title were identified. The land use is interpreted to have been residential, and this discrepancy is attributed to the City Directories identifying information for tenants rather than land owners.

3.1.7 Eris Report

DS contacted Environmental Risk Information Services Ltd. (ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the databases provide by ERIS is provided in the Table below:

Table 3-7: Summary of Environmental Databases Reviewed

Federal Government Source Databases Private	e Source Databases
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Contaminated Sites on Federal Land; Environmental Effects Monitoring; Environmental Issues Inventory System;

Federal Convictions;

Fisheries & Oceans Fuel Tanks;

Indian & Northern Affairs Fuel Tanks;

National Analysis of Trends in Emergencies

System (NATES);

National Defense & Canadian Forces Fuel Tanks;

National Defense & Canadian Forces Spills;

National Defense & Canadian Forces Waste

Disposal Sites;

National Environmental Emergencies System

(NEES);

National PCB Inventory;

National Pollutant Release Inventory;

Parks Canada Fuel Storage Tanks; and

Transport Canada Fuel Storage Tanks.

Anderson's Storage Tanks;

Anderson's Waste Disposal Sites;

Automobile Wrecking & Supplies;

Canadian Mine Locations;

Canadian Pulp and Paper;

Chemical Register;

ERIS Historical Searches;

Oil and Gas Wells;

Retail Fuel Storage Tanks; and

Scott's Manufacturing Directory.

Provincial Government Source Databases

Abandoned Aggregate Inventory;

Abandoned Mine Information System;

Aggregate Inventory;

Borehole:

Certificates of Approval;

Certificates of Property Use;

Commercial Fuel Oil Tanks;

Compliance and Convictions;

Drill Hole Database;

Environmental Activity and Sector Registry;

Environmental Compliance Approval;

Environmental Registry;

Fuel Storage Tank;

Fuel Storage Tank - Historic;

Inventory of Coal Gasification Plants and Coal Tar

Sites;

TSSA Historic Incidents;

TSSA Incidents;

TSSA Pipeline Incidents:

TSSA Variances for Abandonment of Underground

Storage Tanks;

Inventory of PCB Storage Sites;

Landfill Inventory Management Ontario;

List of TSSA Expired Facilities;

Mineral Occurrences;

Non-Compliance Reports;

Ontario Oil and Gas Wells;

Ontario Regulation 347 Waste Receivers

Summary:

Ontario Spills;

Orders:

Permit to Take Water:

Pesticide Register;

Private and Retail Fuel Storage Tanks;

Record of Site Condition:

Waste Disposal Sites – MECP 1991 Historical

Approval Inventory;

Waste Disposal Sites – MECP CA Inventory;

Wastewater Discharger Registration Database;

and

Water Well Information System

The ERIS report indicated that there were two (2) listings for the Phase One Property, and eightynine (89) listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix B. A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Table below:

Table 3-8: Summary of ERIS Report Findings on Phase One Property

Database/Date	Entry Details	PCA ID No.
Water Well Information System (WWIS)	One (1) well was listed on the Phase One Property (well ID: 2807236). This well was used as potable water supply as it was registered for domestic use.	No PCA

Table 3-9: Summary of ERIS Report Findings within Phase One Study Area

Database/Date	Entry Details	PCA ID No.
Ontario Regulation 347 Waste Generator Summary (GEN)	Saw-Whet Golf Course located at 1401 and 1265 Bronte Road, located approximately 150m east and south-east of the Site and on the opposite side of Bronte Road, was registered from 1988 to 2015 for the generation, use, and/or storage of petroleum distillates and waste oils & lubricants.	PCA-10
	Bronte Green Corporation, located at 1401 Bronte Road, is a residential development company that was involved in development of the properties located directly east of the Site and Bronte Road at the time of this investigation. Bronte Green Corporation was registered in 2018 and 2020 for the generation, use, and/or storage of waste oil/sludges (petroleum base).	PCA-11
Ontario Spills (SPL)	Firewater (water used to control a fire) was discharged into the catch basin at 1350 Bronte Rd., north adjacent to the Site, due to a car fire in the adjacent property in 2015.	PCA-12
Record of Site Condition (RSC)	Bronte Green Corporation was also indicated to have filed an RSC (RSC ID: 226078) in 2019 at 1265 Bronte Road, which was located approximately 150m south east of the Site. DS reviewed the RSC and it was found that no contaminants were identified at the location, were soil was the only potentially impacted media. Table 2 RPI for coarse texture soil was used to assess the soil at the subject site.	
	Bronte Green Corporation located at 1401 Bronte Rd., was listed with one filing for a RSC (RSC ID: 226085) in 2019. DS reviewed the RSC and it was found that no contaminants were identified at the location, were soil was the only potentially impacted media. Table 2 RPI for coarse texture soil was used to assess the soil at the subject site.	No PCA
Water Well Information System (WWIS)	A total of ten (10) records were listed in the Phase One Study Area. Two (2) wells were registered for domestic use (well ID: 2802400, 2802398), six (6) were monitoring wells and two (2) were abandoned wells.	No PCA

3.1.8 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office (Appendix C) to determine if there were any environmental incidents or violations associated with the Phase One Property; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the subject property; and,

to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills that had occurred in the site vicinity. Note that the SAC's database dates back only to 1988 and many of the occurrences on file have only been reported voluntarily. In addition, the MECP was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground storage tanks and underground storage tanks; monitoring data, including that done at the request of the MECP; historical and current waste management, receiver and generator records; process, production and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

The responses have been received from the MECP on June 19, 2021 for 1300, 1316, 1326 and 1342 Bronte Road. No records for those properties were found. The client will be made aware of any records identified by the MECP file search, when a response for 1350 Bronte Road is received from the Ministry.

3.1.9 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) maintain records related to storage tanks for petroleum related products. The TSSA was contacted to review records related to the Property and Study Area. According to the response received on August 12, 2020 from Ms. Gaya of TSSA, no records for the Phase One Property and properties located in the Study Area at following inquired addresses:

• 1242, 1300, 1316, 1326, 1342, 1350, 1354, 1372, 1470 Bronte Road

According to the response received on August 19, 2020 from Mr. Sherees Thompson of TSSA, the following records were identified on the properties located in the Study Area:

Table 3-10: Summary of TSSA records

Inst Number	Context	Address	Status	PCA ID No.
10334229	FS Facility	1401 Bronte Rd., Oakville, ON, L6J 4Z3	Active	PCA-10

A copy of the correspondence with the TSSA has been appended under Appendix C.

3.1.10 Areas of Natural and Scientific Interest

The Natural Heritage Areas database published by the Ministry of Natural Resources (MNR) was reviewed in order to identify the presence/absence of areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands,

environmentally significant areas, habitats of threatened or endangered species, and wilderness areas

A review of MNR database indicated that the west side of the Site is located more than 30 m distant to an Area of Natural and Scientific Interest (ANSI) designated as the *Bronte Creek Provincial Park Natural Reserve Zone*.

Based on the presence of the ANSI at a distance of more than 30m of the Site, the Phase One Property is not considered to be environmentally sensitive.

A review of the above-listed databases also indicated that Redside Dace, Northern Bobwhite, Eastern Flowering Dogwood and the Americal Eel as endangered, and the Spiny Softshell, Lake Sturgeon, and the White Wood Aster as threatened species within 1 km of the Site.

According to the MNRF, the Redside Dace, is an aquatic species found in pools and slow-moving areas of small streams. The Northern Bobwhite is a small bird that lives in grasslands, around abandoned farm fields and along brushy fencerows. The Eastern Flowering Dogwood is a small tree that reaches 3-10m in height, it grows under taller trees in mixed forests, it mostly grows in floodplains sometimes fencerows. The American Eel is an endangered species under Endangered Species Act, it can be found in fresh water within the Great Lakes and Niagara Falls. The nearest body of water, Bronte Creek and the woodland associated with Bronte Creek Provincial Park is located more than 30 m distant from the Phase One Property, and the Phase One Property consists of landscaped lawn, therefore it is not anticipated that habitat for these species is present on the Phase One Property.

3.1.11 Conservation Halton

According to the Conservation Halton online mapping system, Bronte Creek is located approximately 60 metres west of the Phase One Property, as such the Phase One Property is located in the Bronte Creek Watershed and within the Conservation Halton Regulation Limit area.

3.2 Physical Setting Sources

3.2.1 Aerial Photographs and Historical Mapping

ERIS was retained to obtain the Aerial Photographs for the years 1934, 1965, 1974 which were reviewed as part of this assessment. The University of Toronto 1954 Air Photograph of Southern Ontario was also reviewed. The Town of Oakville Air Photograph History database was used to review a 1995 Aerial Photograph. The County Atlas of Halton was reviewed in order to provide a more historic image from the years 1858 and 1877. Google Earth was used to review satellite imagery from the years 2005, 2015 and 2018. A summary of pertinent information obtained from the aerial photographs reviewed is presented in the Table below. The supporting documents have been appended under Appendix D.

Table 3-11: Summary of Aerial Photographs

Location	Observations	PCA ID No.	
1858			
Phase One Property	According to the Halton County Atlas from 1858, the Phase One Property is owned by Mr. James White and the Property appears to be undeveloped.	No PCA	
North, South, East and West of the Site	The north adjacent property appears to be undeveloped. A tributary of Twelve Mile Creek (currently known as Bronte Creek) flows west adjacent to the Site.	No PCA	
	1877		
Phase One Property	According to the Halton County Atlas from 1858, the Phase One Property is owned by Mr. James White and the Property is undeveloped.	No PCA	
East of the Site	The surrounding area appeared to be undeveloped and used for agricultural purposes. One (1) orchard is observed to have been operating to the east of the Phase One Property, east of Bronte Road.	PCA-12 (orchard)	
South of the Site	The surrounding area appeared to be undeveloped and used for agricultural purposes. One (1), orchard is observed approximately 260 m to the south of the Phase One Property at 1242 Bronte Road.	N/A – outside of Phase One Study Area	
West of the Site	Bronte Creeks runs west adjacent to the Property.	No PCA	
	1934		
Phase One Property	The Property appears to have been used for agricultural purposes, as an orchard appears to be operating on the Site. The orchard extended beyond the southern limit of the Phase One Property (part of Area 2).		
North of the Site	1342 Bronte Road. One building appears to have been developed at 1350 Bronte Road. The orchard that operated on the Phase One Property extends north PC		
1101 th of the site	onto the north adjacent property.	(orchard)	
South of the Site	The south adjacent property was undeveloped and occupied by a forest.	No PCA	
East of the Site	An orchard can be observed in the east adjacent properties (east of Bronte Road).	PCA-12 (orchard)	
West of the Site	Bronte Creek and undeveloped land is located to the immediate west of the Site.	No PCA	
	1954		
Phase One Property	No significant changes.	No PCA	
North, South, East and West of the Site	No significant changes.	No PCA	
	1965		
Phase One Property	One structure appear to be present within the southwestern portion of the Site – consistent with the current location of Shed 1.	No PCA	
North of the Site	The orchard previously identified upon the north adjacent property appears to have been replaced with agricultural fields. A single structure resembling a residential dwelling has been built at 1372 Bronte Road.		
East of the Site	The orchard observed in 1954 is no longer operating, but the land still appears to be utilized for agricultural purposes.	No PCA	
South and West of the Site	One structure appears to have been constructed immediately south of the Site (designated Shed 2).	No PCA	
Phace One Present	No significant changes	No DCA	
Phase One Property	No significant changes.	No PCA	

Location	Observations	PCA ID No.	
North, South, East and West of the Site	No significant changes.	No PCA	
	1985		
Phase One Property	The orchard appears reduced in area to encompass only the southeast corner of the Phase One Property at 1300 Bronte Road.	PCA-6	
North of the Site	No significant changes	No PCA	
East of the Site	Saw-Whet Golf Course located at 1401 Bronte Road, east adjacent to the Phase One Property has started to be developed, as some grading can be observed.	No PCA	
South and West of the Site	No significant changes.	No PCA	
	1995		
Phase One Property	A dwelling appears to have been constructed at 1316 Bronte Road – consistent with the specifications of the current residential dwelling. The residential dwelling, and man-made pond (Pond 1) located at 1300 Bronte Road have been developed.	No PCA	
East of the Site	Saw-Whet Golf Course located at 1401 Bronte Road, east adjacent to the Phase One Property continues to be constructed. No P A building located at 1265 Bronte Road has been built, it appears to be part of the Golf course operating upon the east adjacent property.		
North, South and West of the Site	No significant changes. A second man-made pond (Pond 2) is present at 1300 Bronte Road, but is not located on the Phase One Property.	No PCA	
	2005		
Phase One Property	No significant changes.	No PCA	
East of the Site	Saw-Whet Golf Course located at 1401 Bronte Road, east adjacent to the Phase One Property has been developed.	No PCA	
North, South and West of the Site	No significant changes.		
	2015		
Phase One Property	No significant changes.	No PCA	
North, East and West of the Site	No significant changes.	No PCA	
South of the Site	South of the Site A parking lot and storage area have been developed south of 1265 Bronte Road.		
2018			
Phase One Property	No significant changes.	No PCA	
North and West of the Site	No significant changes.	No PCA	
South of the Site	The building previously observed at 1265 Bronte Road and the parking lot and storage area south of 1265 Bronte Road are no longer visible and appear to have been demolished. No PCA		
East of the Site	The golf course has been demolished and grading can be observed		

3.2.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally flat, with a surface elevation of 130 masl. The topography within the Phase One Study Area generally slopes to the southwest, towards Bronte

Creek, which is the nearest body of water, located approximately 60 metres to the west of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 8-12 mbgs. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southwesterly towards Bronte Creek.

The Site is situated within a South Slope physiographic region. The surficial geology within the Phase One Study area is described as Halton Till, predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor, and the bedrock is described as shale, limestone, dolostone, siltstone of the Queenston Formation. Based on a the Terraprobe 2016 Geotechnical Slope Stability and Streambank Erosion Analysis, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 6.1 to 12.2 mbgs.

3.2.3 Fill Materials

Soil-Mat (2018) identified that a soil berm **(PCA-6)** was present to the north of Pond 1, and that the property owner indicated that the soil was comprised of excess soil as a result of grading at Bronte Road. The quality of the material had not been tested.

Additionally, the property owner indicated that fill material was used for grading purposes during the construction of the residential dwelling at 1300 Bronte Road. According to the former property owner the fill material was comprised of excavated excess soil associated with Pond 1. DS notes that Pond 1 was formerly associated with a historic orchard, where the use of pesticides is inferred **(PCA-8)**.

PCA Identified:

- PCA-6: #30 Importation of Fill Material of Unknown Quality
- ◆ **PCA-8:** #40 Use of Native Fill Material That May Contain Pesticides

3.2.4 Water Bodies and Areas of Natural Significance

The nearest body of water to the Phase One Property is Bronte Creek, located approximately 60 metres to the west. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses Areas of Natural Significance as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

An "area of natural significance" is defined under O.Reg. 153/04 (as amended) as any of the following:

1. An area reserved or set apart as a provincial park or conservation reserve under the Provincial Parks and Conservation Reserves Act, 2006.

- 2. An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources as having provincial significance.
- 3. A wetland identified by the Ministry of Natural Resources as having provincial significance.
- 4. An area designated by a municipality in its official plan as environmentally significant, however expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant.
- 5. An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the Niagara Escarpment Planning and Development Act.
- 6. An area identified by the Ministry of Natural Resources as significant habitat of threatened or endangered species
- 7. An area which is habitat of species that is classified under section 7 of the Endangered Species Act, 2007 as a threatened or endangered species
- 8. Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the Oak Ridges Moraine Conservation Act, 2001 applies
- 9. An area set apart as a wilderness area under the Wilderness Areas Act.

A review of the databases and the Oakville Official Plan indicated that an Area of Natural and Scientific Interest (ANSI) designated as the *Bronte Creek Provincial Park Natural Reserve Zone* is located more than 30 m south and west of the Phase One Property.

The Ontario Greenbelt, including a Natural Heritage System (Greenbelt Reference Square 99) which is protected as per 0. Reg 59/05 was located more than 30 m south of the Phase One Property.

A review of the above-listed databases also indicated that Redside Dace, Northern Bobwhite, Eastern Flowering Dogwood and the Americal Eel as endangered, and the Spiny Softshell, Lake Sturgeon, and the White Wood Aster as threatened species within 1 km of the Site.

According to the MNRF, the Redside Dace, is an aquatic species found in pools and slow-moving areas of small streams. The Northern Bobwhite is a small bird that lives in grasslands, around abandoned farm fields and along brushy fencerows. The Eastern Flowering Dogwood is a small tree that reaches 3-10m in height, it grows under taller trees in mixed forests, it mostly grows in floodplains sometimes fencerows. The American Eel is an endangered species under Endangered Species Act that can be found in fresh water within the Great Lakes and Niagara Falls. The nearest body of water, Bronte Creek and the woodland associated with Bronte Creek Provincial Park is located more than 30 m distant from the Phase One Property, and the Phase One Property consists of landscaped lawn, therefore it is not anticipated that habitat for these species is present on the Phase One Property.

If required, an environmental specialist could be retained to undertake a site-specific ecological assessment, however at this time further assessment is not within the scope of this report.

Per Section 41 of O.Reg. 153/04 (as amended), a property is considered to be environmentally sensitive under the following circumstances:

- The Site is within an area of natural significance
- The Site includes or is adjacent to an area of natural significance of part of such an area, or
- The Site includes land that is within 30 metres of an area of natural significance or part of such an area.

The Phase One Property is located at a distance of more than 30 m from an Area of Natural Significance, as such the Phase One Property is not considered under 0.Reg 153/04 (as amended) to be environmentally sensitive.

3.2.5 Well Records

Water well records were also searched as part of the ERIS database query. One record was available for the Phase One Property. The well was used as potable water supply registered for domestic use (well ID: 2807236).

A total of eleven (11) records were listed in the Phase One Study Area. Three (3) wells may be used as potable water supply as they were registered for domestic use (well ID: 2803804, 2802400, 2802398), six (6) were monitoring wells and two (2) were abandoned wells. Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix B.

3.3 Site Operating Records

No operating records were available.

4.0 Interviews

4.1 Personnel Interviewed

The following persons with the knowledge of the Property were interviewed or provided the required information.

Table 4-1: Summary of Personnel Interviewed

Date	Name	Affiliation	Method of Interview	
July 31, 2020 Mr. Victor Enns		Former Owner/Spouse of	In Person	
July 31, 2020	MI. VICTOI EIIIIS	Owner & Current Tenant	III FEISOII	
July 19, 2021	Pat Dimauro	Former Owner & Current	Online Questionnaire	
July 19, 2021	r at Dilliaul 0	Tenant	& In Person	

4.2 Interviewee Rationale

Mr. Enns is the former owner and current tenant of 1316 and 1342 Bronte Road, and representative for Joyce Enns as well as 1442839 Ontario Ltd. who are respectively the owners of 1300 and 1326 Bronte Road. Pat Dimauro is the former owner and current tenant of 1350 Bronte Road. 1300, 1316, 1326 and 1342 Bronte Road has been under the ownership of Mr. Enns and his wife from 1984 to 2021, while Pat Dimauro formerly owned 1350 Bronte Road from 1965 to 2022. Mr. Enns and Mr. Dimauro are considered to be the most knowledgeable person regarding the historic site operations. The Phase One Interview was conducted by Mr. Kirstin Olsen, MSc. under the supervision of Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA} .

4.3 Results of Interview

The following summarizes the information that was provided by the site owners, based on his knowledge of site activities.

1300, 1316, 1326 and 1342 Bronte Road

- Joyce Enns, Victor Enns and 1442839 Ontario Ltd. owned 1300, 1316, 1326 and 1342 Bronte Road from the 1980s up until 2021 whereupon it was purchased by Bronte River LP (the Client).
- Mr. Enns indicated that all properties were utilized for residential purposes and have been historically used for residential and agricultural purposes.
- Mr. Enns also confirmed 1300 Bronte Road contained a small subsistence orchard it is noted that the subsistence orchard is located immediately south adjacent (off-Site) and is not located on the portion of 1300 Bronte Road that forms part of the Phase One Property.
- Mr. Enns indicated that that four (4) fuel oil tanks were present at the four (4) residential dwellings (**PCA-1 to PCA-4**) and one (1) diesel tank is located immediately east of the Site (off-Site), adjacent to Shed 2, but it is currently not actively in use (**PCA-13**).
- According to Mr. Enns, pesticides were applied to the Site in the past, but he was unaware of which pesticides were applied.
- The properties were serviced by a municipal water connection and do not rely on domestic water wells. 1300 Bronte Road has a septic tank located west of the residential dwellings; the other three (3) parcels are serviced municipally.
- Mr. Enns was not aware of any chemical spills nor any fires on the Property.
- Mr. Enns confirmed that fill material from the artificial pond (Pond 1) was utilized for grading purposes associated with the residential dwelling at 1300 Bronte Road (**PCA-8**).

1350 Bronte Road

• Pat Dimauro, Carmine Dimauro, Carmine Esposito and Donata Esposito were the owners of 1350 Bronte Road from 1965 to 2022.

- The Property is currently used for residential purposes.
- According to Pat Dimauro, the current building on Site was constructed in the early 1980s, following the demolition of the previous building on Site in the late 1970s/1980. The current building appears to have been constructed within the footprint of the previous building (including the basement) and therefore no fill material of unknown quality is anticipated to have been used for infilling purposes following the demolition of the former building.
- According to Pat Dimauro, the Property had not been used for vehicle servicing/maintenance and has not been applied with pesticides/herbicides in the past.
- The residential building on Site is currently heated using a propane powered furnace.
- Pat Dimauro is unaware of any hazardous materials being stored on the Site, or the occurrence of any chemical spills, fires or importation of fill material of unknown quality.
- The Property is serviced for water and waste water. There is a well in the rear yard, but it has not been used for several years and is capped off.
- A former fuel oil AST utilized for heating was stored in a storage shed that was an addition to the southwest corner of the residential building at 1350 Bronte Road. The fuel oil AST was reportedly removed in approximately 2005, throughout its lifetime it was reportedly maintained in good condition and with no leaks or spills occurring (**PCA-5**).

DS compared the information obtained through the Phase One Interview with the information obtained from the historical records for the Site. The information provided by the interviewee was corroborated by the historical records, as such DS has no concern regarding the accuracy of the information provided.

5.0 Site Reconnaissance

5.1 General Requirements

Table 5-1: Site Reconnaissance Notes

Information	Details		
Inspection Address	1300, 1316, 1326, 1342 Bronte Road	1350 Bronte Road	1300, 1316, 1326, 1342 and 1350 Bronte Road
Date of Investigation:	July 21, 2020	July 22, 2021	December 8, 2022
Time of Investigation:	9: 00 am 10:00 am		9:00 am
Weather Conditions:	Overcast, 25° C	Overcast,20 ° C	Snow and Rain, 5° C
Duration of Investigation:	4 hours	2 hours	3 hours
Facility Operation:	Residential Dwellings	Residential Dwelling	Residential Dwellings
Name and Qualification of Person(s) conducting the assessment	Kirstin Olsen, M.Sc., under the supervision of Mr. Patrick Fioravanti, P.Geo, QP _{ESA}	Fahmida Anwar, B.Sc., under the supervision of Mr. Patrick Fioravanti, P.Geo, QP _{ESA}	Omar Jaffer under the supervision of Mr. Patrick Fioravanti, P.Geo, QP _{ESA}

Information	Details		
Limitations	No limitations	No limitations	Snow cover on the ground throughout the Phase One Property.

5.2 Specific Observations at Phase One Property

The Site Reconnaissance involved a visual assessment of the Phase One Property for the purpose of identifying potential PCAs, and associated APECs. Photographs of the Phase One Property were taken at the time of the Site Reconnaissance, and have been included under Appendix F.

Table 5-2: Summary of Site Reconnaissance Observations

eneral		
i.	Description of structures and other improvements, including the number and age of buildings	 The portion of 1300 Bronte Road located on the Phase One Property consisted of one (1) large two storey residential dwelling built in the 1990s. One (1) vehicle parking garage constructed in the 1960s was located within the central portion of the parcel (Shed 1). The portion of 1316 Bronte Road located on the Phase One Property consisted of a single storey residential dwelling, constructed in the 1990s. 1326 Bronte Road consisted of a two-storey residential dwelling with a separate barn (Shed 3) used as a general storage space, both were constructed by 1934. The residential dwelling had a heating fuel oil AST (AST4) within the northwestern corner of the basement. 1342 Bronte Road consisted of a two-storey residential dwelling with a separate barn (Shed 4) used as a general storage space, both were constructed by 1934. The residential dwelling had a heating fuel oil AST (AST5) within the northwestern corner of the basement. 1350 Bronte Road consisted of a single storey residential dwelling with a garage and a storage/work shed to the south side of dwelling. A greenhouse was located adjacent to the southern side of the work shed.
ii.	Description of the number, age and depth of below-ground structures	Each of the residential dwellings at 1300, 1316, 1326, 1342 and 1350 Bronte Road contained one (1) level of basement. A septic tank was located north of the residential dwelling at 1300 Bronte Road. No evidence of underground storage tanks was observed.

iii.	Details of all tanks, above and below ground at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	Each of the residential dwellings at 1300, 1316, 1326, 1342 and 1350 Bronte Road has one (1) above ground tank (AST): - One (1) fuel oil AST was located in the basement of 1300 Bronte Road (PCA-1). - One (1) fuel oil AST was located in the basement of 1326 Bronte Road (PCA-2). - One (1) fuel oil AST was located in the basement of 1342 Bronte Road (PCA-3). - One (1) fuel oil AST was located on the eastern exterior of the dwelling at 1316 Bronte Road (PCA-4). - One (1) propane tank was identified in the storage/work shed and is used to fuel the furnace at 1350 Bronte Road. - One (1) diesel tank with a 1,360-gallon capacity and which appeared to be in good condition, but without secondary containment, was located off-Site, adjacent to Shed 2 approximately 20 m south of the Phase One Property (PCA-14). All of the above listed fuel oil tanks appeared to be in good condition with no indications of leaks, spills or staining. The basement ASTs contained secondary containment units, whereas the diesel AST did not. All of the fuel oil tanks had a capacity of 275 Gallons. All five (5) residential dwellings on Site are serviced	
iv.	Potable and non-potable water sources und Utilities and Corridors	by municipal water. One (1) abandoned well was observed at 1350 Bronte Road.	
i.	Type and location of underground utility and service corridors, such as sewer, water, electrical or gas lines located on, in or under the Phase One Property.	Municipal water is connected to each dwelling on the Property. Wastewater services are connected to all dwellings with the exception of 1300 Bronte Road which has a septic tank.	
Features of Structures and Buildings at the Phase One Property			
i.	Entry and exit points	All dwellings have access to Bronte Road to the east of each parcel.	
ii.	Details of existing and former heating systems, including type and fuel source	All four (4) dwellings at 1300, 1316, 1326 and 1342 Bronte Road are heated by heating fuel oil. The residential dwelling at 1350 Bronte Road is currently heated with a propane powered furnace.	
iii.	Details of cooling systems, including type and fuel source, if any	All dwellings have an A/C central unit.	
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	None observed	
v.	Details of any unidentified substances	None observed	
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vi.	Details, including locations of stains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	None observed
vii.	Details, including locations, of current and former wells, including all wells described or defined in or under the Ontario Water Resources Act and the Oil, Gas and Salt Resources Act	The Phase One Property is listed as having one (1) well for potable water use; one (1) abandoned water supply well was identified at 1350 Bronte Road and was reported by the property owner not to be in active use.
viii.	Details of sewage works, including their location	1300 Bronte Road has a septic tank to the west of the dwelling, no septic tank systems were identified in other portions of the Site.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	The area near the residential dwellings (including the driveway) and garage is paved with asphalt while the remaining area is covered by grass/mixed vegetation in the central and southern portion of the Property.
x.	Details of current or former railway lines or spurs and their locations	None observed
xi.	Areas of stained soil, vegetation or pavement	None observed
xii.	Stressed vegetation	None observed
xiii.	Areas where fill and debris materials appear to have been placed or graded	A soil berm was located to the north of Pond 1, reported by the property owner to be comprised of excess soil associated with grading that had taken place at Bronte Road (PCA-5). Excess native fill material associated with the excavation of Pond 1 was utilised for grading purposes during the construction of the residential dwelling at 1300 Bronte Road. As Pond 1 was
		excavated within a former orchard, it is inferred that that the soils may have been exposed to pesticides (PCA-7).
xiv.	Potentially contaminating activity	One (1) fuel oil AST is located at the basement of residential dwelling at 1300 Bronte Road (PCA-1); One (1) fuel oil AST is located at the basement of residential dwelling at 1326 Bronte Road (PCA-2); One (1) fuel oil AST is located at the basement of residential dwelling 1342 Bronte Road (PCA-3); One (1) fuel oil AST is located on the eastern exterior of the residential dwelling at 1316 Bronte Road (PCA-4); One (1) diesel tank with a 1,360-gallon capacity and
		which appeared to be in good condition, but without

	secondary containment, was located off-Site, adjacent to Shed 2 approximately 20 m south of the Phase One Property (PCA-14).
xv. Details of any unidentified substances found at the Phase One Property	None observed.
Enhanced Investigation Property	
Where subsection 13(3) applies to the Phase One Property, provide the documentation referred to in subsection 13(3)	In order to be classified as an enhanced investigation property, the Phase One Property must be used or have been used in whole or in part for any of the following uses: Any industrial use As a garage As a bulk liquid dispensing facility, including a gasoline outlet For the operation of dry cleaning equipment There is no indication in the historical records of the Phase One Property being used for any of the aforementioned uses, and as such the Phase One Property is not considered to be an enhanced investigation property.
Hazardous Materials	
i. Asbestos containing materials	Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. Based on the age of the site buildings, there is potential for asbestos insulation and asbestos-containing construction materials to be present in the site buildings, with the exception of the dwellings located at 1300 and 1316 Bronte Road, which were constructed in the 1990s. No site specific materials were identified during the site inspection which may potentially contain asbestos, however these may have been present but were not visible. It is recommended that a Designated Substance Survey be completed at the site buildings prior to demolition.
ii. Lead containing materials	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. Based on the age of the site buildings there potential for lead solder and paint to be present in the site buildings, with the exception of the dwellings located at 1300 and 1316 Bronte Road, which were constructed in the 1990s. It is recommended that a Designated Substance Survey be completed at the site buildings prior to demolition.

iii.	PCB materials and equipment	Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. Based on the age of the site buildings there is a potential for PCBs to be present, with the exception of the dwellings located at 1300 and 1316 Bronte Road, which were constructed in the 1990s. It is recommended that a Designated Substance Survey be completed at the site buildings prior to demolition.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. Based on the age of the site buildings there is potential for UFFIs to be present in the site buildings, with the exception of the dwellings located at 1300 and 1316 Bronte Road, which were constructed in the 1990s. It is recommended that a Designated Substance Survey be completed at the site buildings prior to demolition to quantitatively investigate this.
V.	Ozone Depleting Substances (ODS)	None observed.
vi.	Herbicides and Pesticides	During the site inspection no material containing herbicides or pesticides were observed to be stored at the building.
vii.	Mould	None observed.
viii.	Mercury	Based on the age of the building, there is potential for mercury to be present in fluorescent lights observed in the building. Mercury with small quantity could be present inside the electrical switches or thermostats observed in the units of the building. It is recommended that a Designated Substance Survey be completed at the site buildings prior to demolition to quantitatively investigate this.
ix.	Acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	These items were not observed at the Property. The presence of the special attention items in building/construction materials were investigated through observations made by DS and does not necessarily imply adverse impact to the environmental condition of the property.
x.	Pits and Lagoons	One (1) man-made pond was observed at the southern-central portion of the Site, located north of the residential dwelling at 1300 Bronte Street.
xi.	Air Emissions	None observed.
xii.	Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.

5.3 Written Description of Investigation

The site reconnaissance included a visual inspection of the Phase One Property to confirm current conditions and identify any current land uses or activities, which may have or may cause environmental impacts. The adjoining and neighbouring properties were observed from the Phase One Property and publicly accessible areas.

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily parkland and residential, as described in the table below:

Table 5-3: Summary of Site Reconnaissance Observations within Phase One Study Area

Observation	Details	
Phase One Property	The Phase One Property was used for residential purposes at the time of the site reconnaissance. The orientation of the Site Buildings is depicted on Figure 2.	
North Adjacent Property	The north adjacent Property was used for residential purposes at the time of the site reconnaissance.	
East Adjacent Property	The east adjacent Properties were utilized for residential purposes at the time of the site reconnaissance.	
South Adjacent Property	The south adjacent Property was residential followed by an Ontario Greenbelt and NHS system located more than 30 m distant from the Site at the time of the site reconnaissance,	
	A soil berm reportedly generated from the widening of Bronte Road was present on the south adjacent property (PCA-16).	
West Adjacent Property	The west adjacent Property was occupied by <i>Bronte Creek Provincial Park</i> at the time of the site reconnaissance.	
Water Bodies	Bronte Creek flows south-eastly adjacent to the Phase One Property, approximately 60 m south of the Site.	
	One (1) artificially excavated pond (Pond 1) was present on the Site, and one (1) artificial pond (Pond 2) was observed south of the Phase One Property.	
Areas of Natural Significance	• The west and south portion of the Site is located just more than 30 m distant from an Area of Natural and Scientific Interest (ANSI), designated <i>Bronte Creek Provincial Park Natural Reserve Zone</i> ;	
	• Bronte Creek Provincial Park is located just more than 30 m distant from the Site.	

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix F. A summary of the potentially contaminating activities observed is provided in Section 6.2. A visual depiction of the PCAs identified within the Phase One Study Area is provided under Figure 4.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, chain of title, and conversations with the site representative. The Phase One Property was formerly utilized for agricultural purposes until the mid-1980s, thereafter the Property was primarily utilized for residential use. Summary of Current and Past Uses of the Phase One Property is presented in Appendix F.

6.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may be contributing to areas of potential environmental concern on the Phase One Property. The PCAs identified on the Phase One Property and within the Phase One Study Area are summarized in the table below and are illustrated on Figure 4.

Table 6-1: Summary of PCAs

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)	
PCA-1	#28 – Gasoline and associated products storage in fixed tanks	One (1) fuel oil AST utilize for heating purposes was observed in the basement of residential dwelling at 1300 Bronte Road.	APEC-1	
		Source: Site Reconnaissance		
PCA-2			APEC-2	
		Source: Site Reconnaissance		
PCA-3	#28 – Gasoline and associated products storage in fixed tanks	One (1) fuel oil AST utilized for heating purposes was observed in the basement of the residential dwelling at 1342 Bronte Road.	APEC-3	
		Source: Site Reconnaissance		
PCA-4	#28 – Gasoline and associated products storage in fixed tanks	One (1) fuel oil AST utilized for heating purposes was observed on the eastern exterior wall of the residential dwelling at 1316 Bronte Road.	APEC-4	
		Source: Site Reconnaissance		
PCA-5	#28 – Gasoline and associated products storage in fixed tanks	A former fuel oil AST utilized for heating was reportedly stored in a storage shed that was an addition to the southwest corner of the residential building at 1350 Bronte Road. The fuel oil AST was	APEC-5	

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
	,,	reportedly removed in approximately 2005.	
PCA-6	#30 - Importation of Fill	Source: Phase One Questionnaire A soil berm built to the north of Pond 1 at	APEC-6
	Material of Unknown Quality	1300 Bronte Road was comprised of fill material generated from the widening of Bronte Road.	
		Source: Owner Interview	
PCA-7	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale	The Phase One Property formerly contained an orchard across the majority of the Site, with inferred pesticide application.	APEC-7A
7.04.0	Applications	Source: Aerial Photograph 1934	1222
PCA-8		The grading material surrounding the residential dwelling at 1300 Bronte Road is inferred to potentially contain pesticides	APEC-7B
		associated with the excavation of Pond 1.	
		Source: Soil-Mat 2018 Phase One ESA Report and Aerial Photographs 1995, 2005	
PCA-9a	#N/S – Impacted Soil	Environmental testing (Soil-Mat, 2020) identified pesticide (DDE), arsenic and lead impacted soil located within the	No – due to limited mobility of the contaminants of
		existing orchard approximately 10 m south of the Site. The soil was associated with sample S3, collected at a depth of 0.1	concern and distance from the Site.
		mbgs which exceeded the applicable SCS (MECP Table 2).	
		Source: Soil-Mat 2018 Phase One ESA Report	
PCA-9b		Environmental testing (Soil-Mat, 2020) identified pesticide (DDE and DDD), arsenic and lead impacted soil located within the existing orchard approximately 10 m south of the Site. The soil was associated with sample S4 and S5, collected at a depth of 0.1 mbgs and 0.2-0.3 mbgs respectively which exceeded the applicable SCS (MECP Table 2).	No – due to limited mobility of the contaminants of concern and distance from the Site.
		Source: Soil-Mat 2018 Phase One ESA Report	

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA-9c	133/01)	Environmental testing (Soil-Mat, 2020) identified pesticide (DDE), arsenic and lead impacted soil located within the existing orchard approximately 10 m south of the Site. The soil was associated with sample S6, collected at a depth of 0.1 mbgs which exceeded the applicable SCS (MECP Table 2).	No – due to limited mobility of the contaminants of concern and distance from the Site.
		Source: Soil-Mat 2018 Phase One ESA Report	
PCA-10	#28 – Gasoline and associated products storage in fixed tanks	Saw-Whet Golf Course located at 1401 Bronte Road, approximately 150m south from the Site was registered from 1988 to 2015 for the generation, use, and/or storage of petroleum distillates and waste oils & lubricants.	No – The PCA is transgradient and is located more than 100m from the Phase One Property.
PCA-11	#28 – Gasoline and associated	Source: ERIS report: GEN database	No – The PCA is
	products storage in fixed tanks	Bronte Green Corporation located at 1401 Bronte Road, is the residential development company working on the east adjacent properties at the time of this investigation: • One active FS Facility was registered with the TSSA records; and • Bronte Green Corporation was registered in 2018 and 2020 for the generation, use, and/or storage of waste oil/sludges (petroleum base). Source: ERIS report: GEN database and	trans-gradient and is located more than 100m from the Phase One Property.
PCA-12	#N/S - Firewater spill	TSSA records Firewater was discharged into the catch basin at 1350 Bronte Rd, due to a car fire in the property in 2015. Source: ERIS report: SPL database	No – the firewater was spilled into the catch basin; thus, it did not have contact with the soil and/or groundwater of the Phase One Property.
PCA-13	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	The east neighbouring property formerly contained an orchard with inferred pesticide use. Source: 1877 Halton County Atlas and 1934 Aerial Photograph	No – due to limited mobility of the contaminants of concern and distance from the Site.
PCA-14	#28 – Gasoline and associated products storage in fixed tanks	One (1) diesel tank with a 1,360-gallon capacity and which appeared to be in good	No – The PCA is down-gradient

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
		condition, but without secondary containment, was located off-Site, adjacent to Shed 2 approximately 20 m south of the Phase One Property.	from the Phase One Property.
		Source: Site reconnaissance and interview with owner.	
PCA-15	#55 - Transformer Manufacturing, Processing and Use	One (1) transformer was observed to be located approximately 10m south of the Phase One Property. Source: Site reconnaissance	No – Due to the limited mobility of the contaminants of concern, distance from the Site, and transgradient orientation from the Site.
PCA-16	#30 – Importation of Fill Material of Unknown Origin	A soil berm reportedly generated from the widening of Bronte Road was present on the south adjacent property.	No – downgradient no immediate conduit to contaminant migration.

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

6.3 Areas of Potential Environmental Concern

The table of APECs presented in the form as approved by the Director is provided below, in accordance with clause 16(2)(a), Schedule D, O.Reg. 153/04.

Table 6-2: Summary of APECs

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	Fuel Oil tank at the residential dwelling at 1300 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-1	PHCs, PAHs, BTEX	Soil and groundwater
APEC-2	Fuel Oil tank at the residential dwelling at 1326 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-2	PHCs, PAHs, BTEX	Soil and groundwater
APEC-3	Fuel Oil tank at the residential dwelling at 1342 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-3	PHCs, PAHs, BTEX	Soil and groundwater

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-4	Fuel Oil tank at the residential dwelling at 1316 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-4	PHCs, PAHs, BTEX	Soil and groundwater
APEC-5	Previous Fuel Oil tank at the residential dwelling at 1350 Bronte Road	#28 – Gasoline and associated products storage in fixed tanks	On Site PCA-5	PHCs, PAHs, BTEX	Soil and groundwater
APEC-6	Soil berm east of Pond 1 at 1300 Bronte Road	#30 - Importation of Fill Material of Unknown Quality	On Site PCA-6	Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil
APEC-7A	Entire Phase One Property	#40 - Pesticides (including Herbicides, Fungicides and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-7	OCs, metals As, Sb, Se, CN-	Soil
APEC-7B	Graded land at the residential dwelling at 1300 Bronte Road	#40 - Pesticides (including Herbicides, Fungicides and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On Site PCA-8	OCs, metals As, Sb, Se, CN-	Soil

 $\overline{\text{N/S}}$ - not specified in Table 2, Schedule D, of O.Reg. 153/04

The rationale used by the QP in assessing the information obtained through the course of this investigation to determine whether PCAs exist and/or are contributing to an APEC on the Phase One Property has been provided in the proceeding sections. In general the potential for a PCA to be contributing to an APEC on the Phase One Property was assessed using the likelihood of the source to contaminate the Phase One Property, the possibility of the contaminants to migrate to the Phase One Property based on the hydraulic and geologic conditions, and the inherent properties of the contaminants of concern.

The contaminants of potential concern were determined based on the professional experience of the QP, common industry standards, literature reviews, and the inherent properties of the contaminant.

This investigation was conducted based on the assumption that all information provided to DS was factual and accurate. DS is not aware of any uncertainty factors which would affect the conclusions of this investigation.

6.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at 1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road, Oakville, Ontario. The Phase One Conceptual Site Model is presented in Drawings 3 and 4 and visually depict the following:

- Any existing buildings and structures
- Water bodies located in whole, or in part, on the Phase One Study Area
- Areas of natural significance located in whole, or in part, on the Phase One Study Area
- Water wells at the Phase One Property or within the Phase One Study Area
- Roads, including names, within the Phase One Study Area
- Uses of properties adjacent to the Phase One Property
- Areas where any PCAs have occurred, including location of any tanks
- Areas of Potential Environmental Concern

6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 4, and discussed in Section 6.2 above. The PCAs which are considered to contribute to APECs on, in or under the Phase One Property are summarized in the table below:

Table 6-3: Summary of PCAs Contributing to APECs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
1	#28 - Gasoline and associated products storage in fixed tanks	One (1) heating fuel AST was observed in the basement of 1300 Bronte Road.	PCA is on the Phase One Property.
2	#28 - Gasoline and associated products storage in fixed tanks	One (1) heating fuel AST was observed in the basement of 1326 Bronte Road.	PCA is on the Phase One Property.
3	#28 – Gasoline and associated products storage in fixed tanks	One (1) heating fuel AST was observed in the basement of 1342 Bronte Road.	PCA is on the Phase One Property.
4	#28 – Gasoline and associated products storage in fixed tanks	One (1) heating fuel AST was observed on the exterior ground adjacent to the eastern wall of the dwellings at 1316 Bronte Road.	PCA is on the Phase One Property.
5	#28 – Gasoline and associated products storage in fixed tanks	A former fuel oil AST utilized for heating was stored in a storage shed that was an addition to the southwest corner of the residential building at 1350 Bronte Road. The fuel oil AST was	PCA is on the Phase One Property.

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
		reportedly removed in approximately 2005.	
6	#30 - Importation of Fill Material of Unknown Quality	The berm built east of the man-made pond at 1300 Bronte Road was comprised of fill material of soil material generated from the road widening of Bronte Road.	PCA is on the Phase One Property.
7	#40 – Pesticides (including Herbicides, Fungicides and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	The Phase One Property formerly contained an orchard across its entire extent, upon which pesticide use is inferred.	PCA is on the Phase One Property.
8	#40 - Pesticides (including Herbicides, Fungicides and Anti- Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	The grading material surrounding the residential dwelling at 1300 Bronte Road is inferred to potentially contain pesticides associated with the excavation of Pond 1.	PCA is on the Phase One Property.

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

6.4.2 Contaminants of Potential Concern

The following contaminants of potential concern were identified for the Phase One Property: PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, and PAHs.

6.4.3 Underground Utilities and Contaminant Distribution and Transport

Underground utilities can affect contaminant distribution and transport. Trenches excavated to install utility services, and the associated granular backfill may provide preferential pathways for horizontal contaminant migration in the shallow subsurface.

Underground utilities were identified at the Phase One Property, including water, electrical, and sewer services to the existing Site Building. Plans were not available to confirm the depths of these utilities; however, they are estimated to be installed at depths ranging from 2 to 3 metres below ground surface.

The depth to groundwater at the Phase One Property is inferred to be approximately 8-12 metres below ground surface, therefore the utility corridors are expected to be well above the water table and would not act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally flat, with a surface elevation of 130 masl. The topography within the Phase One Study Area generally slopes to the southwest, towards Bronte Creek, which is the nearest body of water, located approximately 30 metres to the west of the Phase

One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 8-12 mbgs. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southwesterly towards Bronte Creek.

The Site is situated within a South Slope physiographic region. The surficial geology within the Phase One Study area is described as Halton Till, predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor, and the bedrock is described as shale, limestone, dolostone, siltstone of the Queenston Formation. Based on a the Terraprobe 2016 Geotechnical Slope Stability and Streambank Erosion Analysis, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth range of 6.1 to 12.2 mbgs.

6.4.5 Uncertainty and Absence of Information

DS has relied upon information obtained from federal, provincial, municipal, and private databases, in addition to records and summaries provided by ERIS. All information obtained was reviewed and assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion of this report, with the exception of the City Directory request. If the City Directory search produces information which may alter the conclusions of this report, an addendum will be provided to the Client. This report reflects the best judgement of DS based on the information available at the time of the investigation.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

The QP has determined that the uncertainty does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

7.0 Conclusions

DS conducted a Phase One ESA for the Site comprised of part of 1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road, Oakville, Ontario. The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA were to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

Based on the information obtained as part of this investigation, it is concluded that eighteen (18) PCAs were identified within the Phase One Study Area, of which eight (8) are considered to be contributing to eight (8) APECs on, in or under the Phase One Property.

7.1 Phase Two Environmental Site Assessment Requirement

Further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

7.2 RSC Based on Phase One Environmental Site Assessment

Record of Site Condition cannot be filed on the basis of the Phase One ESA due to the identification of Areas of Potential Environmental Concern on the Phase One Property.

7.3 Limitations

This report was prepared for the sole use of Bronte River LP and is intended to provide an assessment of the environmental condition on the property located at 1326 and 1350 Bronte Road & Part of 1300, 1316, 1342 and 1350 Bronte Road, Oakville, Ontario. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by DS Consultants Ltd. The material in this report reflects DS' judgment in light of the information available at the time of report preparation. This report may not be relied upon by any other person or entity without the written authorization of DS Consultants Ltd. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this documents or findings, conclusions and recommendations represented herein, is at the sole risk of said users.

The information and conclusions presented in this report are professional opinions in accordance with generally accepted engineering and scientific practices based on a cursory historical search, visual observations and limited information provided by persons knowledgeable about past and current activities on this site. The work completed as per the scope of work is considered sufficient in detail to form a reasonable basis for the findings presented in this report. As such, DS Consultants

Ltd. cannot be held responsible for environmental conditions at the site that was not apparent from the available information.

7.4 Qualifications of the Assessors

John Gaviria-Ballen, B. Eng., EIT

Mr. Gaviria-Ballen is an environmental technician with DS Consultants Ltd. John holds a bachelor's degree in Environmental Engineering from Carleton University. John has experience in conducting Phase One and Two Environmental Site Assessments, soil and groundwater remediation, and has supported several risk assessments projects.

Kirstin Olsen, MSc.

Ms. Olsen is a Project Manager in the Environmental Services Department at DS Consultants Limited. Ms. Olsen has a Bachelor's Degree in Animal, Plant and Environmental Science, as well as a Master of Science Degree in Environmental Science, Ecology and Conservation from the University of the Witwatersrand (Johannesburg, South Africa). Ms. Olsen has personally completed over three hundred detailed environmental assessments across a wide array of scientific disciplines including: Phase One & Two Environmental Site Assessments, Remedial Excavation & Injection Oversight, Hydrogeological Investigations, EASR Registration/PTTW Application, Aquatic Ecological Delineation, Assessment & Planning, Toxicological, Soil & Water Impact and Risk Assessment, as well as Environmental Construction Monitoring & Performance Auditing.

Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., OPESA

Mr. Fioravanti is the Manager of Environmental Services with DS Consultants Limited. Patrick holds a Honours Bachelor of Science with distinction in Toxicology from the University of Guelph and is a practicing member of the Association of Professional Geoscientists of Ontario (APGO). Patrick has over ten years of environmental consulting experience and has conducted and/or managed hundreds of projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

7.5 Signatures

DS Consultants Ltd. conducted this Phase One Environmental Site Assessment and confirms the findings and conclusions contained within this report.

Yours truly,

DS Consultants Ltd.

John Gaviria-Ballen, B.Eng., EIT Environmental Technician

Reviewed by:

Kirstin Olsen, MSc.

Environmental Project Manager

Brownske

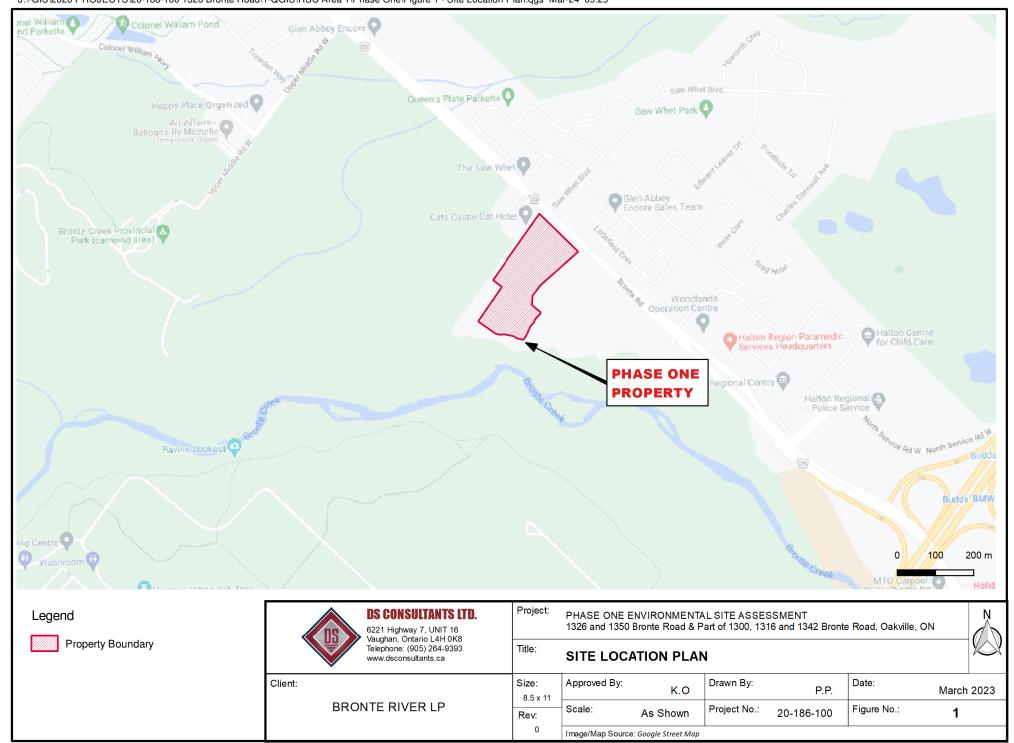
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA} Manager - Environmental

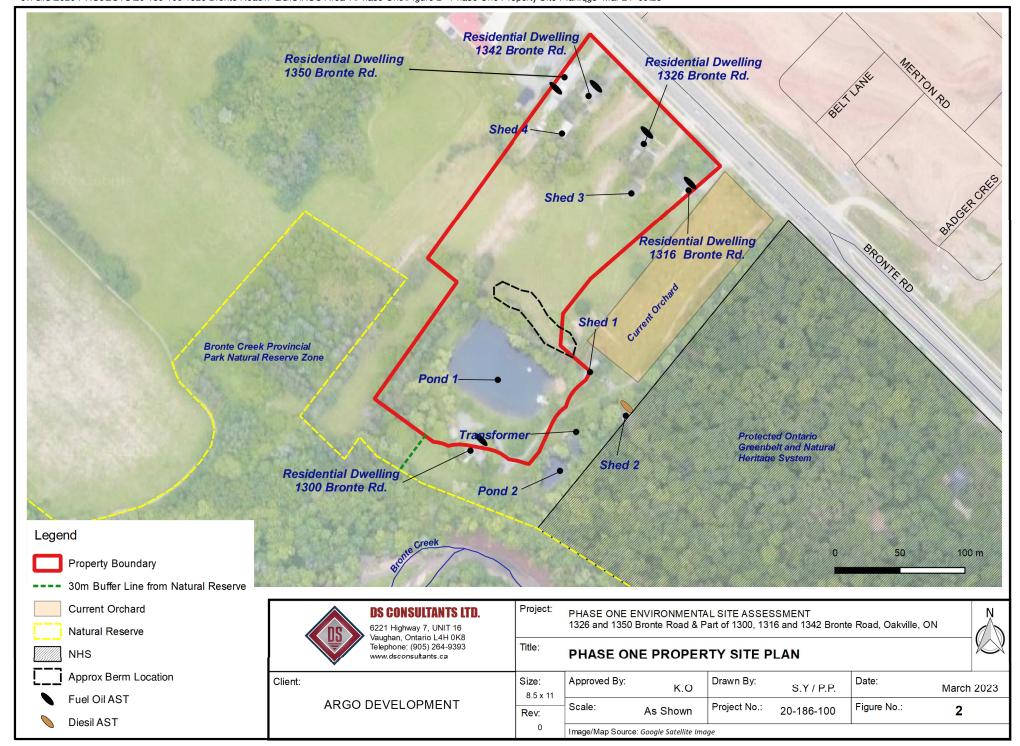
8.0 References

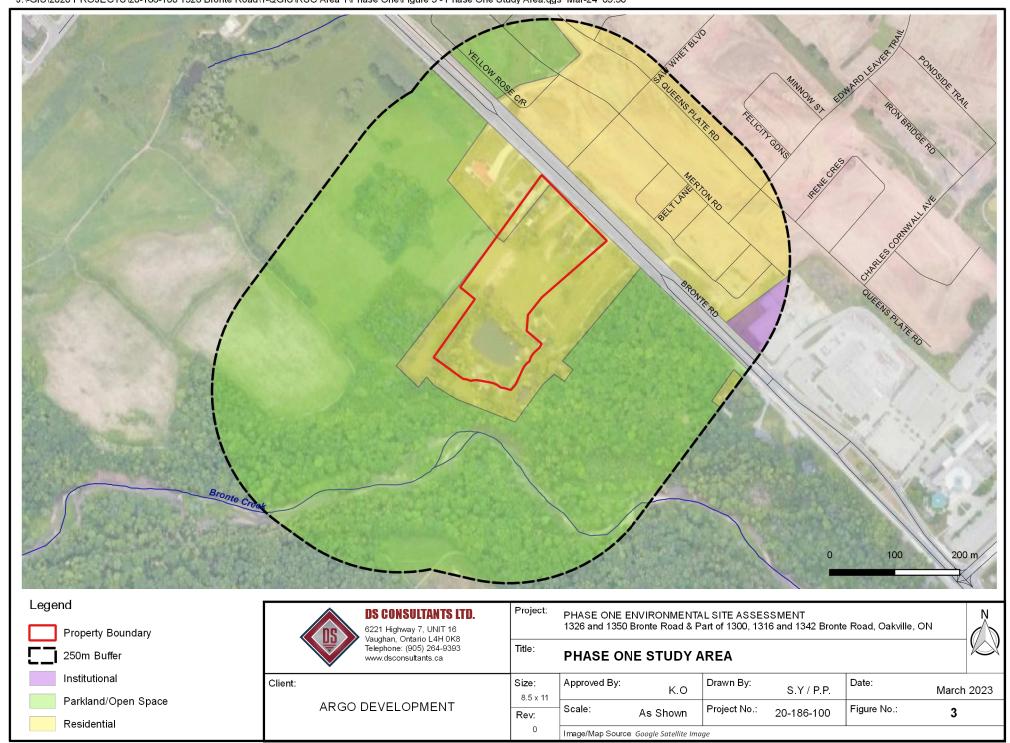
- Ontario Regulation 153/04 Records of Site Condition Part Xv.1 of The Act
- Natural Resources Canada Toporama http://atlas.gc.ca/toporama/en/index.html
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network https://www.hwin.ca/hwin/
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry https://www.ontario.ca/page/ministry-environment-and-climate-change
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plan Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal
 Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- Waste Disposal Site Inventory, 1991
- Ministry of Environment, Conservation and Parks-Freedom of Information
- Technical Standards and Safety Authority Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps, aerial photos and Ontario Base Map
- City Directories from 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (ERIS Report)
- "Geotechnical Slope Stability and Streambank Erosion Analysis, 1300 Bronte Road, Oakville, Ontario", prepared for Mr. Victor Enns & Ms. Joyce Enns, prepared by Terraprobe Inc., dated May 19, 2016
- "Phase One Environmental Site Assessment, 1300 1342 Bronte Road, Oakville, Ontario", prepared for Mr. Victor Enns, prepared by Soil-Mat Engineers & Consultants Ltd., dated December 11, 2018
- *"Environmental Soil testing, 1300 1342 Bronte Road, Oakville, Ontario"*, prepared for Mr. Victor Enns, prepared by Soil-Mat Engineers & Consultants Ltd., dated July 21, 2020

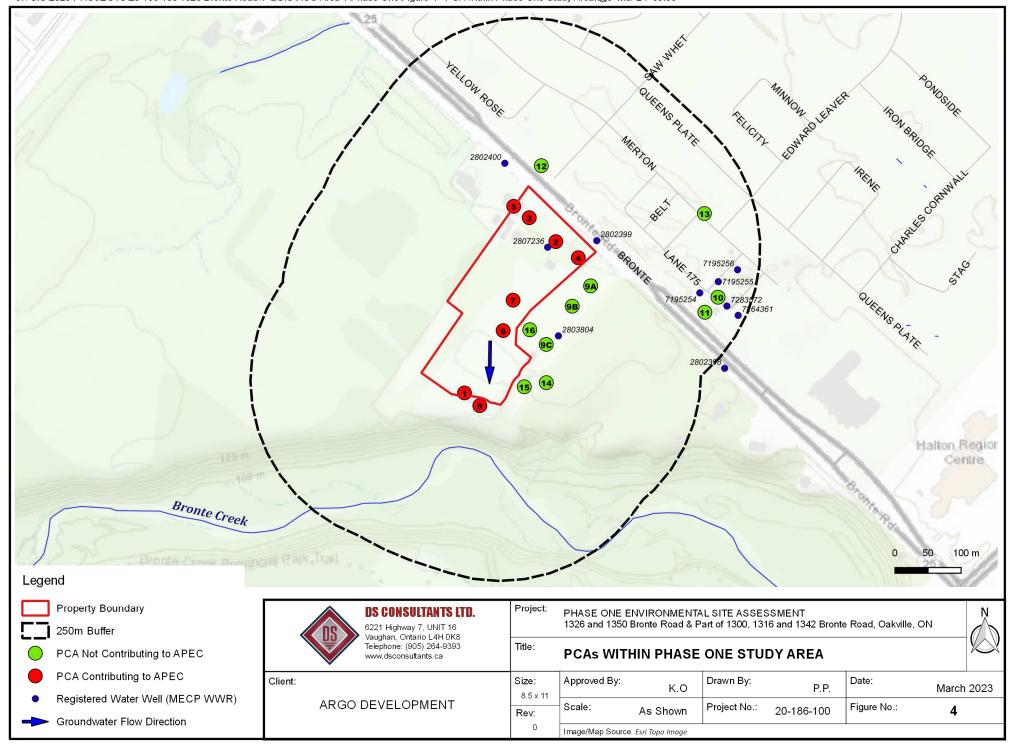


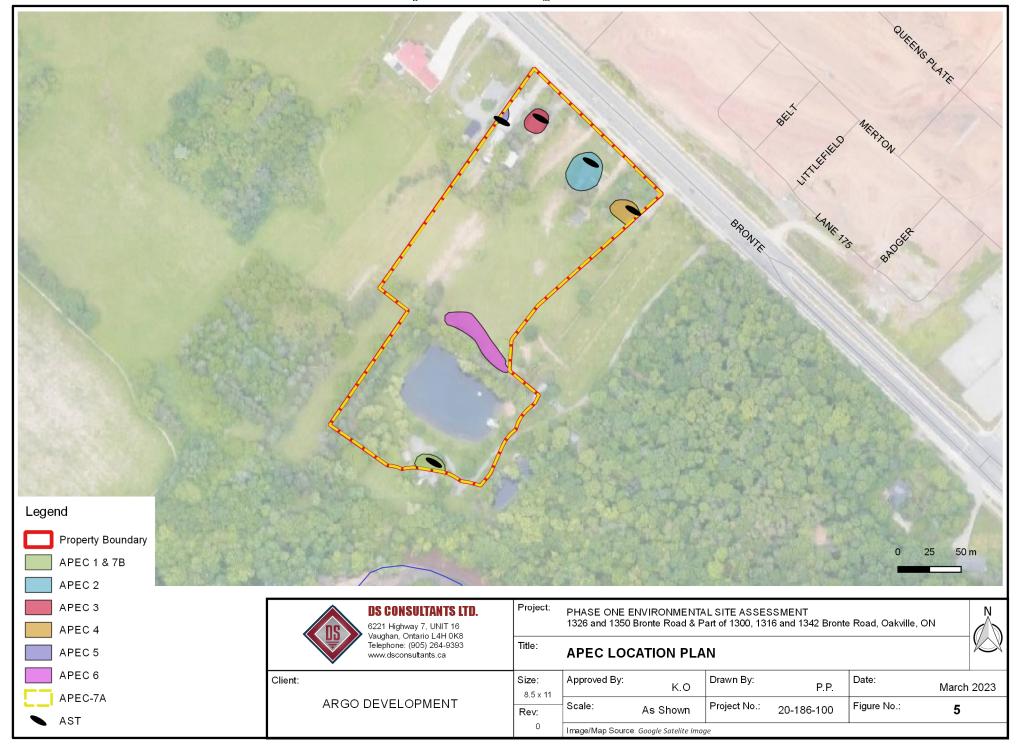
Figures













Appendix A

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PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24926-0035 (LT)

PAGE 1 OF 2 PREPARED FOR PETER ON 2018/10/05 AT 10:19:31

PROPERTY DESCRIPTION:

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT * PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET , PART 2 , 20R2730 ; OAKVILLE/TRAFALGAR ;

PROPERTY REMARKS:

ESTATE/QUALIFIER: FEE SIMPLE LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE: 1996/05/27

OWNERS' NAMES ENNS, VICTOR PETER

CAPACITY SHARE BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIV	E 2000/07/29	THE NOTATION OF THE	BLOCK IMPLEMENTATI	ON DATE" OF 1996/05/27 ON THIS PIN		
WAS REPL	ACED WITH THE	"PIN CREATION DATE"	OF 1996/05/27	100		
** PRINTOL	INCLUDES AL	L DOCUMENT TYPES AND	DELETED INSTRUMENT	S SINCE 1996/05/24 **		
	In the second	ISTRATION UNDER THE				
	SUBSECTION 4	(1) OF THE LAND TITE	ES ACT, EXCEPT PAR	AGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *		
##I		OR FORFEITURE TO THE		Social So		
••	THE RIGHTS O	F ANY PERSON WHO WOUL	D, BUT FOR THE LAN	TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF		ľ
**				IN, MISDESCRIPTION OR BOUNDARIES SETTLED BY		
••	CONVENTION.			30 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
	ANY LEASE TO	WHICH THE SUBSECTION	70(2) OF THE REGIS	STRY ACT APPLIES		
**DATE OF		LAND TITLES: 1996/05				
20R2730	1976/07/29	PLAN REFERENCE				
525956	1980/08/11	TRANSFER				C
75000	2500,00,21	TIGNOTER		*** DELETED AGAINST THIS PROPERTY ***		
586127	1988/02/19	CUADON			SCULTHORPE, WILLIAM B.	
100151	1900/02/19	CHARGE		*** COMPLETELY DELETED ***		
					CUNA OF ONTARIO CREDIT UNION LIMITED	
1733224	1998/04/30	LODGEMENT TITLE		*** COMPLETELY DELETED ***		
RE	MARKS: LODGEM	ENT OF TITLE - H6861	7	SCULTHORPE, WILLIAM B.	AVESTEL CREDIT UNION LIMITED	
737160	1998/05/27	TRANSFER		*** COMPLETELY DOLLARS		
				*** COMPLETELY DELETED *** SCULTHORPE, WILLIAM B.		
RE	MARKS: FLANNI	NG ACT STATEMENTS		TOTAL TABLETAN B.	LOPATTO, DIANA LORINDA	1

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY. NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24926-0035 (LT)

PAGE 2 OF 2 PREPARED FOR PETER ON 2018/10/05 AT 10:19:31

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
H737161	1998/05/27	CHARGE		*** COMPLETELY DELETED *** LOPATTO, DIANA LORINDA	CANADA TRUSTCO MORTGAGE COMPANY	
H741881	1998/06/25	DISCH OF CHARGE		*** COMPLETELY DELETED ***	THE PARTY OF THE P	
RE	MARKS: RE: 68	6127		AVESTEL CREDIT UNION LIMITED		
Н756275	1998/09/21	DISCHARGE INTEREST		*** COMPLETELY DELETED ***		
RE	MARKS: RE: #7	33224 DELETE LODGEME	NT H733224		AVESTEL CREDIT UNION LIMITED	
H820447	1999/11/09	NOTICE AGREEMENT		*** COMPLETELY DELETED *** LOPATTO, DIANA LORINDA	CANADA TRUSTCO MORTGAGE COMPANY	
HR289511	2004/05/31	CHARGE		*** COMPLETELY DELETED *** LOPATTO, DIANA LORINDA	ENNS, VICTOR ENNS, JOYCE	
HR291106	2004/06/03	NO OPTION PURCHASE	\$100	LOPATTO, ROBERT LOPATTO, DIANA LORINDA	ENNS, VICTOR ENNS, JOYCE	С
HR365202	2005/03/24 MARKS: PLANNI	TRANSFER NG ACT STATEMENTS	\$530,000	LOPATTO, DIANA LORINDA	ENNS, VICTOR PETER	С
HR365203	2005/03/24	CHARGE		*** COMPLETELY DELETED *** ENNS, VICTOR PETER	LOPATTO, DIANA LORINDA	
HR365204	2005/03/24	DISCH OF CHARGE		*** COMPLETELY DELETED *** ENNS, VICTOR		
REI	MARKS: RE: HR	289511		ENNS, JOYCE		
HR369810	2005/04/15	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE CANADA TRUST COMPANY		
PE	MARKS: RE: H7	37161		AND ORIGINATIONS COMPANY		
	2010/04/01 MARKS: UR3652	DISCH OF CHARGE		*** COMPLETELY DELETED *** LOPATTO, DIANA LORINDA		

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PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24926-0036 (LT) * CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PAGE 1 OF 2 PREPARED FOR PETER ON 2018/10/05 AT 10:19:52

PROPERTY DESCRIPTION:

PT LT 31, CON 2 TRAF SDS, AS IN 488493; CAKVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE: 1996/05/27

OWNERS' NAMES

1442839 ONTARIO LIMITED

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIV	E 2000/07/29	THE NOTATION OF THE	BLOCK IMPLEMENTATION	N DATE" OF 1996/05/27 ON THIS PIN		
WAS REPL	ACED WITH THE	"PIN CREATION DATE"	OF 1996/05/27			
** PRINTOU	T INCLUDES AL	DOCUMENT TYPES AND	DELETED INSTRUMENTS	SINCE 1996/05/24 **		
**SUBJECT,	ON FIRST REG	ISTRATION UNDER THE	LAND TITLES ACT, TO			
	SUBSECTION 4	4(1) OF THE LAND TITE	ES ACT, EXCEPT PARA	GRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *		
**		OR FORFEITURE TO THE				
	THE RIGHTS O	F ANY PERSON WHO WOUL	LD, BUT FOR THE LANE	TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF		
**				N, MISDESCRIPTION OR BOUNDARIES SETTLED BY		
œ.	CONVENTION.					
**	ANY LEASE TO	WHICH THE SUBSECTION	70(2) OF THE REGIS	TRY ACT APPLIES.		
**DATE OF	CONVERSION TO	LAND TITLES: 1996/05	5/27 **			
254338	1956/08/08	REST COV APL ANNEX				С
488493	1978/09/22	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***		
					LOFQUIST, BRUCE HILMER LOFQUIST, CAROLYN MAY	
825391	1994/0//12	CHARGE		*** DELETED AGAINST THIS PROPERTY ***		
					CIBC MORTGAGE CORPORATION	
337795	1995/05/12	CHARGE		*** DELETED AGAINST THIS PROPERTY ***		
1727745	1998/03/18	CHARGE		*** COMPLEMENT OF PRINCIPLE	CANADIAN IMPERIAL BANK OF COMMERCE	
	2550/03/10	CHARGE		*** COMPLETELY DELETED *** LOFQUIST, BRUCE HILMER LOFQUIST, CAROLYN MAY	CANADIAN IMPERIAL BANK OF COMMERCE	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24926-0036 (LT)

PAGE 2 OF 2 PREPARED FOR PETER ON 2018/10/05 AT 10:19:52

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
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HR17035	2000/10/12	TRANSFER	\$405,000	LOFQUIST, BRUCE HILMER	1442839 ONTARIO LIMITED	C
RE	MARKS: PLANNI	NG ACT STATEMENTS		LOFQUIST, CAROLYN MAY		
HR22839	2000/11/14	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
RE	MARKS: RE: 82	5391		CIBC MORTGAGE CORPORATION		
HR35361	2001/02/05	APL (GENERAL)		*** COMPLETELY DELETED ***		
RE	MARKS: DELETE	S/T 609762 & T/W 4884	93	1442839 ONTARIO LIMITED		
HR94648	2002/01/11	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
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PARCEL REGISTER (ABBREVIATED) FOR PROPERTY 1DENTIFIER

LAND REGISTRY OFFICE #20

24926-0037 (LT) * CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PAGE 1 OF 1 PREPARED FOR PETER ON 2018/10/05 AT 10:20:12

PROPERTY DESCRIPTION:

PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET , AS IN 159261 ; OAKVILLE/TRAFALGAR

PROPERTY REMARKS:

ESTATE/QUALIFIER: FEE SIMPLE

LT CONVERSION QUALIFIED

RECENTLY: FIRST CONVERSION FROM BOOK

PIN CREATION DATE: 1996/05/27

OWNERS' NAMES ENNS, VICTOR PETER

CAPACITY SHARE

BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIV	E 2000/07/29	THE NOTATION OF THE	*BLOCK IMPLEMENTATI	DN DATE" OF 1996/05/27 ON THIS PIN		
WAS REPL	ACED WITH THE	"PIN CREATION DATE"	OF 1996/05/27			
** PRINTOU	INCLUDES AL	DOCUMENT TYPES AND	DELETED INSTRUMENT	S SINCE 1996/05/24 **		
**SUBJECT,	ON FIRST REG.	STRATION UNDER THE	LAND TITLES ACT, TO			
**	SUBSECTION 4	(1) OF THE LAND TIT.	LES ACT, EXCEPT PAR	AGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *		
**		OR FORFEITURE TO THE				
**	THE RIGHTS OF	F ANY PERSON WHO WOU	LD, BUT FOR THE LAN	D TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF		
**	Lance and			ON, MISDESCRIPTION OR BOUNDARIES SETTLED BY		
**	CONVENTION.					
**	ANY LEASE TO	WHICH THE SUBSECTION	70(2) OF THE REGI	TRY ACT APPLIES.		
**DATE OF	CONVERSION TO	LAND TITLES: 1995/0	/27 **			
159261	1963/11/01	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***		
					VAN DYKEN, PIET VAN DYKEN, MIEP	
H726460	1998/03/06	APL OF SURV-LAND		*** COMPLETELY DELETED *** VAN DYKEN, MIEP (DECEASED)	VAN DYKEN, PIET	
H829922	2000/01/10	TRANSFER	\$200,000	VAN DYKEN, PIET	ENNS, VICTOR PETER	c

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY. NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24926-0038 (LT) * CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PAGE 1 OF 2 PREPARED FOR PETER ON 2018/10/05 AT 10:20:38

PROPERTY DESCRIPTION:

PT LT 31, CON 2 TRAF SDS, AS IN 609762; OAKVILLE

PROPERTY REMARKS:

ESTATE/QUALIFIER: FEE SIMPLE

LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK

PIN CREATION DATE: 1996/05/27

OWNERS' NAMES ENNS, JOYCE

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIV	E 2000/01/29	THE NOTATION OF THE	BLOCK IMPLEMENTAT.	ON DATE" OF 1996/05/27 ON THIS PIN		
WAS REPL	ACED WITH THE	"PIN CREATION DATE"	OF 1996/05/27			
** PRINTOU	T INCLUDES AL	L DOCUMENT TYPES AND	DELETED INSTRUMENT	S SINCE 1996/05/24 **		
**SUBJECT,	ON FIRST REG	ISTRATION UNDER THE I	AND TITLES ACT, TO			
**	SUBSECTION 4	4(1) OF THE LAND TITE	LES ACT, EXCEPT PAI	AGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES		
		OR FORFEITURE TO THE				
*	THE RIGHTS O	F ANY PERSON WHO WOUL	D, BUT FOR THE LAN	D TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF		
*				ON, MISDESCRIPTION OR BOUNDARIES SETTLED BY		
*	CONVENTION.					
*	ANY LEASE TO	WHICH THE SUBSECTION	70(2) OF THE REGI	STRY ACT APPLIES.		
*DATE OF		LAND TITLES: 1996/0				
09762	1984/11/14	TRANSFER	\$10		ENNS, JOYCE ISAAC	6
IR35361	2001/02/05	APL (GENERAL)		AND COMPLETELY DELEMBED AND	and, occurrence	ľ
				*** COMPLETELY DELETED *** 1442839 ONTARIO LIMITED		
RE	MARKS: DELETE	S/T 609762 & T/W 48	8493			
R44070	2001/04/09	CHARGE		*** COMPLETELY DELETED ***		
				ENNS, JOYCE ISAAC	THE BANK OF NOVA SCOTIA	
R686806	2008/08/05	APL CH NAME OWNER		ENNS, JOYCE ISAAC	ENNS, JOYCE	С
R690828	2008/08/19	CHARGE		*** COMPLETELY DELETED ***		
				ENNS, JOYCE ENNS, JOYCE	THE BANK OF NOVA SCOTIA	
9709050	2008/20/15	DISCULAR CUARCE				
IR708059		DISCH OF CHARGE		*** COMPLETELY DELETED ***		

NOTE: ADJIGINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24926-0038 (LT)

PAGE 2 OF 2 PREPARED FOR PETER ON 2018/10/05 AT 10:20:38

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
RE	MARKS: RE: HI	E44070		THE BANK OF NOVA SCOTIA		
HR1018248	2012/05/23	CHARGE		*** COMPLETELY DELETED *** ENNS, JOYCE	THE BANK OF NOVA SCOTIA	
	2012/05/25 MARKS: HE6908	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		
	2016/07/21	CHARGE	\$5,525,000	ENNS, JOYCE	THE BANK OF NOVA SCOTIA	c
R1380535	2016/08/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE BANK OF NOVA SCOTIA		



Appendix B



Project Property: 1326 Bronte Rd.

1300, 1316, 1326, 1342 Bronte Rd

Oakville ON L6M 4G4

Project No: *P20-03-044*

Report Type: Quote - Custom-Build Your Own Report

Order No: 20200716103

Requested by: DS Consultants Ltd.

Date Completed: August 19, 2020

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Executive Summary

Property Information:

Project Property: 1326 Bronte Rd.

1300, 1316, 1326, 1342 Bronte Rd Oakville ON L6M 4G4

Order No: 20200716103

Project No: *P20-03-044*

Order Information:

Order No: 20200716103
Date Requested: July 16, 2020
Requested by: DS Consultants Ltd.

Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Aerial Photographs Aerials - National Collection

City Directory Search CD - Subject Site plus 250m Radius

ERIS Xplorer <u>ERIS Xplorer</u>

Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Υ	0	0	0
AMIS	Abandoned Mine Information System	Υ	0	0	0
ANDR	Anderson's Waste Disposal Sites	Υ	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Υ	0	0	0
BORE	Borehole	Υ	0	0	0
CA	Certificates of Approval	Υ	0	3	3
CDRY	Dry Cleaning Facilities	Υ	0	0	0
CFOT	Commercial Fuel Oil Tanks	Υ	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Υ	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Υ	0	0	0
CONV	Compliance and Convictions	Υ	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Υ	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Υ	0	0	0
ECA	Environmental Compliance Approval	Υ	0	22	22
EEM	Environmental Effects Monitoring	Υ	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Υ	0	0	0
EMHE	Emergency Management Historical Event	Υ	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Υ	0	0	0
FCON	Federal Convictions	Υ	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Υ	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Υ	0	0	0
FST	Fuel Storage Tank	Υ	0	2	2
FSTH	Fuel Storage Tank - Historic	Υ	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	37	37
GHG	Greenhouse Gas Emissions from Large Facilities	Υ	0	0	0
HINC	TSSA Historic Incidents	Υ	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Υ	0	0	0
INC	Fuel Oil Spills and Leaks	Υ	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	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)	Υ	0	0	0
NCPL	Non-Compliance Reports	Υ	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	Υ	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	Υ	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	Υ	0	0	0
PINC	Pipeline Incidents	Υ	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Υ	0	0	0
PTTW	Permit to Take Water	Y	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	2	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Υ	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Υ	0	0	0
WWIS	Water Well Information System	Y	2	13	15
	-	Total:	2	86	88

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)		Page Number
1	WWIS		lot 31 con 2 ON	ESE/0.0	-0.03	<u>27</u>
			Well ID: 2803804			
<u>2</u> .	wwis		lot 31 con 2 ON	NE/0.0	-1.49	<u>30</u>
			Well ID: 2807236			

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>3</u> '	wwis		lot 31 con 2 ON <i>Well ID</i> : 2802399	NE/6.5	-1.07	<u>35</u>
<u>4</u>	SPL	The Corporation of the Town of Oakville;	1350 Bronte Road Oakville ON	NNE/9.2	-1.96	<u>37</u>
<u>5</u>	ECA	The Regional Municipality of Halton	Greystone Cres Georgetown Halton Hills ON L6M 3L1	ENE/21.3	-1.54	<u>38</u>
<u>5</u>	ECA	1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	ENE/21.3	-1.54	<u>38</u>
<u>5</u>	ECA	1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	ENE/21.3	-1.54	<u>38</u>
<u>5</u>	ECA	Verus Partners, LLC and Manheim Auto Auctions Company	Pt. of Lot 1, Con. 4 Milton ON L9T 5C7	ENE/21.3	-1.54	<u>39</u>
<u>5</u>	ECA	1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	ENE/21.3	-1.54	<u>39</u>
<u>5</u>	ECA	1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	ENE/21.3	-1.54	<u>39</u>
<u>5</u> .	ECA	The Regional Municipality of Halton	From Charles Street to Edith St Georgetown Halton Hills ON L6M 3L1	ENE/21.3	-1.54	<u>40</u>
<u>5</u>	ECA	The Regional Municipality of Halton	Greystone Cres Georgetown Halton Hills ON L6M 3L1	ENE/21.3	-1.54	<u>40</u>
<u>5</u> *	ECA	The Regional Municipality of Halton	Birch Avenue and Clark Avenue Burlington ON L6M 3L1	ENE/21.3	-1.54	<u>40</u>
<u>5</u> .	ECA	The Regional Municipality of Halton	Within the right-of-way of Queen Street and Murdock St Georgetown	ENE/21.3	-1.54	<u>40</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Halton Hills ON L6M 3L1			
<u>5</u> .	ECA	1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	ENE/21.3	-1.54	<u>41</u>
<u>5</u>	ECA	The Regional Municipality of Halton	From Lakeshore Road to Burnet Rd Oakville ON L6M 3L1	ENE/21.3	-1.54	<u>41</u>
<u>6</u>	wwis		lot 31 con 2 ON Well ID: 2802400	N/70.0	-3.13	<u>41</u>
<u>7</u>	wwis		OAKVILLE ON Well ID: 7195254	E/91.2	-2.55	<u>44</u>
<u>8</u> .	wwis		OAKVILLE ON Well ID: 7195255	E/119.1	-2.97	<u>47</u>
<u>8</u> -	wwis		lot 30 con 2 ON <i>Well ID</i> : 7332214	E/119.1	-2.97	<u>50</u>
<u>9</u> .	GEN	SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON	E/122.8	-2.17	<u>52</u>
<u>9</u>	GEN	SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON	E/122.8	-2.17	<u>52</u>
<u>9</u>	GEN	SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON	E/122.8	-2.17	<u>53</u>
9	GEN	SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON L6M 4G3	E/122.8	-2.17	<u>53</u>
<u>9</u>	GEN	SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON L6M 4G3	E/122.8	-2.17	<u>53</u>
<u>9</u>	RSC	BRONTE GREEN CORPORATION	1265 BRONTE ROAD, OAKVILLE, ON L6M 4G3 Oakville ON	E/122.8	-2.17	<u>54</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	GEN	SAW-WHET GOLF COURSE	1401 BRONTE RD. OAKVILLE ON L6M 4G3	N/123.6	-4.03	<u>55</u>
<u>10</u>	GEN	SAW-WHET GOLF COURSE 34-481	1401 BRONTE RD. OAKVILLE ON L6M 4G3	N/123.6	-4.03	<u>55</u>
<u>10</u>	GEN	SAW-WHET GOLF COURSE	1401 BRONTE RD OAKVILLE ON L6M 4G3	N/123.6	-4.03	<u>55</u>
<u>10</u>	GEN	SAW-WHET GOLF COURSE	1401 BRONTE ROAD OAKVILLE ON L6J 4Z3	N/123.6	-4.03	<u>56</u>
<u>10</u>	GEN	SAW-WHET GOLF COURSE	1401 BRONTE ROAD OAKVILLE ON L6M 4G3	N/123.6	-4.03	<u>56</u>
<u>10</u>	EHS		1401 Bronte Rd Oakville ON L6M 4G3	N/123.6	-4.03	<u>56</u>
<u>10</u>	EHS		1401 Bronte Road Oakville ON L6M 4G3	N/123.6	-4.03	<u>56</u>
<u>10</u>	GEN	SAW-WHET GOLF COURSE	1401 BRONTE ROAD OAKVILLE ON L6M 4G3	N/123.6	-4.03	<u>57</u>
<u>10</u>	ECA	Bronte Green Corporation	1401 Bronte Rd Oakville ON L7M 4P8	N/123.6	-4.03	<u>57</u>
<u>10</u>	PTTW	Bronte Green Corporation	ON	N/123.6	-4.03	<u>57</u>
<u>10</u>	GEN	Bronte Green Corporation	1401 Bronte Road Oakville ON L6L 2Y4	N/123.6	-4.03	<u>58</u>
<u>10</u>	ECA	Bronte Green Corporation	1401 Bronte Rd Oakville ON L7M 4P8	N/123.6	-4.03	<u>58</u>
<u>10</u>	GEN	Bronte Green Corporation	1401 Bronte Road Oakville ON L6L 2Y4	N/123.6	-4.03	<u>58</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	RSC	BRONTE GREEN CORPORATION	1401 BRONTE ROAD, OAKVILLE, ON L6M 4G3 Oakville ON	N/123.6	-4.03	<u>59</u>
<u>10</u>	ECA	Bronte Green Corporation	1401 Bronte Road Oakville ON L7M 4P8	N/123.6	-4.03	<u>60</u>
<u>10</u>	ECA	Bronte Green Corporation	1401 Bronte Rd Oakville ON L7M 4P8	N/123.6	-4.03	<u>60</u>
<u>11</u>	wwis		ON <i>Well ID</i> : 7283572	E/134.9	-2.99	<u>60</u>
<u>12</u>	wwis		lot 30 con 2 ON <i>Well ID</i> : 7332215	E/145.4	-4.08	<u>61</u>
<u>13</u>	wwis		lot 30 con 2 ON <i>Well ID</i> : 7332216	E/149.4	-3.42	<u>63</u>
<u>14</u>	wwis		OAKVILLE ON Well ID: 7195256	E/150.1	-4.07	<u>65</u>
<u>15</u>	wwis		lot 30 con 2 OAKVILLE ON Well ID: 7264361	E/154.8	-3.04	<u>68</u>
<u>16</u>	wwis		lot 31 con 2 ON <i>Well ID</i> : 2802398	E/177.7	-1.12	<u>71</u>
<u>17</u>	ECA	The Regional Municipality of Halton	Lots 28, 29 & 30, Concession 2 Oakville ON L6M 3L1	ENE/217.0	-4.95	<u>73</u>
<u>18</u>	wwis		lot 30 con 2 Oakville ON <i>Well ID</i> : 7316764	ENE/220.9	-5.90	<u>73</u>
<u>19</u>	EHS		1179 Bronte Rd Oakville ON L6M4G4	E/231.9	-4.83	<u>75</u>
<u>20</u>	wwis		OAKVILLE ON Well ID: 7287937	E/242.5	-4.05	<u>75</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>21</u>	CA		Bronte & Easement; 1179 Bronte Rd; Conc. 2, lot 30 Oakville ON L6M 4G3	E/249.5	-3.73	<u>78</u>
<u>21</u>	CA		1179 Bronte Road Oakville ON L6M 4G3	E/249.5	-3.73	<u>78</u>
<u>21</u>	EHS		1179 Bronte Rd Oakville ON L6M 4G3	E/249.5	-3.73	<u>79</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>79</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>79</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>79</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>80</u>
<u>21</u>	SPL	The Regional Municipality of Halton	1179 Bronte Road Halton Hills ON	E/249.5	-3.73	<u>80</u>
<u>21</u>	CA	The Regional Municipality of Halton	1179 Bronte Road Oakville ON	E/249.5	-3.73	<u>80</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	E/249.5	-3.73	<u>81</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	E/249.5	-3.73	<u>81</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	E/249.5	-3.73	<u>82</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	E/249.5	-3.73	<u>82</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	E/249.5	-3.73	<u>82</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	E/249.5	-3.73	<u>83</u>
<u>21</u>	FST	THE REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6J 4Z3	E/249.5	-3.73	<u>83</u>
<u>21</u>	FST	THE REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6J 4Z3	E/249.5	-3.73	<u>83</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>84</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>84</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	E/249.5	-3.73	84
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	E/249.5	-3.73	<u>85</u>
<u>21</u>	ECA	The Regional Municipality of Halton	1179 Bronte Road Oakville ON L6M 3L1	E/249.5	-3.73	<u>85</u>
<u>21</u>	ECA	The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	E/249.5	-3.73	<u>86</u>
<u>21</u>	ECA	The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	E/249.5	-3.73	<u>86</u>
<u>21</u>	ECA	The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	E/249.5	-3.73	<u>86</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>86</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>87</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>87</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>88</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>88</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>89</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON Fleet Service	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>89</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON HEALTH DEPARTMENT & EMERGENCY MEDICAL SERVICES	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	90
<u>21</u> .	ECA	The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	E/249.5	-3.73	90
21	GEN	REGIONAL MUNICIPALITY OF HALTON HEALTH DEPARTMENT & EMERGENCY MEDICAL SERVICES	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>91</u>
<u>21</u>	GEN	REGIONAL MUNICIPALITY OF HALTON Fleet Service	1179 BRONTE RD OAKVILLE ON L6M 4G3	E/249.5	-3.73	<u>91</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

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

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
	Bronte & Easement; 1179 Bronte Rd; Conc.2, lot 30 Oakville ON L6M 4G3	249.5	<u>21</u>
	1179 Bronte Road Oakville ON L6M 4G3	249.5	<u>21</u>
The Regional Municipality of Halton	1179 Bronte Road Oakville ON	249.5	<u>21</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2020 has found that there are 22 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address	Distance (m)	<u>Map Key</u>
Verus Partners, LLC and Manheim Auto Auctions Company	Pt. of Lot 1, Con. 4 Milton ON L9T 5C7	21.3	<u>5</u>
1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	21.3	<u>5</u>
1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	21.3	<u>5</u>
The Regional Municipality of Halton	From Charles Street to Edith St Georgetown Halton Hills ON L6M 3L1	21.3	<u>5</u>

Site The Regional Municipality of Halton	Address Greystone Cres Georgetown Halton Hills ON L6M 3L1	Distance (m) 21.3	Map Key 5
The Regional Municipality of Halton	Birch Avenue and Clark Avenue Burlington ON L6M 3L1	21.3	<u>5</u>
The Regional Municipality of Halton	Within the right-of-way of Queen Street and Murdock St Georgetown Halton Hills ON L6M 3L1	21.3	<u>5</u>
1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	21.3	<u>5</u>
The Regional Municipality of Halton	From Lakeshore Road to Burnet Rd Oakville ON L6M 3L1	21.3	<u>5</u>
1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	21.3	<u>5</u>
The Regional Municipality of Halton	Greystone Cres Georgetown Halton Hills ON L6M 3L1	21.3	<u>5</u>
1721169 Ontario Inc.	Greater Sudbury ON P3E 2P7	21.3	<u>5</u>
Bronte Green Corporation	1401 Bronte Rd Oakville ON L7M 4P8	123.6	<u>10</u>
Bronte Green Corporation	1401 Bronte Rd Oakville ON L7M 4P8	123.6	<u>10</u>
Bronte Green Corporation	1401 Bronte Road Oakville ON L7M 4P8	123.6	<u>10</u>
Bronte Green Corporation	1401 Bronte Rd Oakville ON L7M 4P8	123.6	<u>10</u>

<u>Site</u>	<u>Address</u>	Distance (m)	Map Key
The Regional Municipality of Halton	Lots 28, 29 & 30, Concession 2 Oakville ON L6M 3L1	217.0	<u>17</u>
The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	249.5	<u>21</u>
The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	249.5	<u>21</u>
The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	249.5	<u>21</u>
The Regional Municipality of Halton	1179 Bronte Rd Oakville ON L6M 3L1	249.5	<u>21</u>
The Regional Municipality of Halton	1179 Bronte Road Oakville ON L6M 3L1	249.5	<u>21</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Apr 30, 2020 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address 1401 Bronte Rd Oakville ON L6M 4G3	Distance (m) 123.6	<u>Map Key</u> <u>10</u>
	1401 Bronte Road Oakville ON L6M 4G3	123.6	<u>10</u>
	1179 Bronte Rd Oakville ON L6M4G4	231.9	<u>19</u>

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance (m)	Map Key
THE REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6J 4Z3	249.5	<u>21</u>
THE REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6J 4Z3	249.5	<u>21</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2020 has found that there are 37 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	Map Key
SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON L6M 4G3	122.8	9
SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON	122.8	9
SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON	122.8	9
SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON	122.8	9
SAW-WHET GOLF COURSE	1265 BRONTE ROAD OAKVILLE ON L6M 4G3	122.8	9

SAW-WHET GOLF COURSE 34-481	Address 1401 BRONTE RD. OAKVILLE ON L6M 4G3	Distance (m) 123.6	<u>Map Key</u> <u>10</u>
SAW-WHET GOLF COURSE	1401 BRONTE RD OAKVILLE ON L6M 4G3	123.6	<u>10</u>
SAW-WHET GOLF COURSE	1401 BRONTE ROAD OAKVILLE ON L6J 4Z3	123.6	<u>10</u>
SAW-WHET GOLF COURSE	1401 BRONTE ROAD OAKVILLE ON L6M 4G3	123.6	<u>10</u>
SAW-WHET GOLF COURSE	1401 BRONTE ROAD OAKVILLE ON L6M 4G3	123.6	<u>10</u>
Bronte Green Corporation	1401 Bronte Road Oakville ON L6L 2Y4	123.6	<u>10</u>
Bronte Green Corporation	1401 Bronte Road Oakville ON L6L 2Y4	123.6	<u>10</u>
SAW-WHET GOLF COURSE	1401 BRONTE RD. OAKVILLE ON L6M 4G3	123.6	<u>10</u>
REGIONAL MUNICIPALITY OF HALTON HEALTH DEPARTMENT & EMERGENCY MEDICAL SERVICES	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON Fleet Service	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>

Site	<u>Address</u>	Distance (m)	Map Key			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD 249.5 OAKVILLE ON L6M 4G3				249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	249.5	<u>21</u>			
REGIONAL MUNICIPALITY OF HALTON HEALTH DEPARTMENT & EMERGENCY MEDICAL SERVICES	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>			

Site	<u>Address</u>	Distance (m)	<u>Map Key</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON Fleet Service	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE ROAD OAKVILLE ON L6M 4G3	249.5	<u>21</u>
REGIONAL MUNICIPALITY OF HALTON	1179 BRONTE RD OAKVILLE ON L6M 4G3	249.5	<u>21</u>

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Jul 31, 2020 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bronte Green Corporation		123.6	10
	ON		

Site Address Distance (m) Map Key

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2020 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	Map Key
BRONTE GREEN CORPORATION	1265 BRONTE ROAD, OAKVILLE, ON L6M 4G3 Oakville ON	122.8	9
BRONTE GREEN CORPORATION	1401 BRONTE ROAD, OAKVILLE, ON L6M 4G3 Oakville ON	123.6	<u>10</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
The Corporation of the Town of Oakville;	1350 Bronte Road Oakville ON	9.2	<u>4</u>
The Regional Municipality of Halton	1179 Bronte Road Halton Hills ON	249.5	<u>21</u>

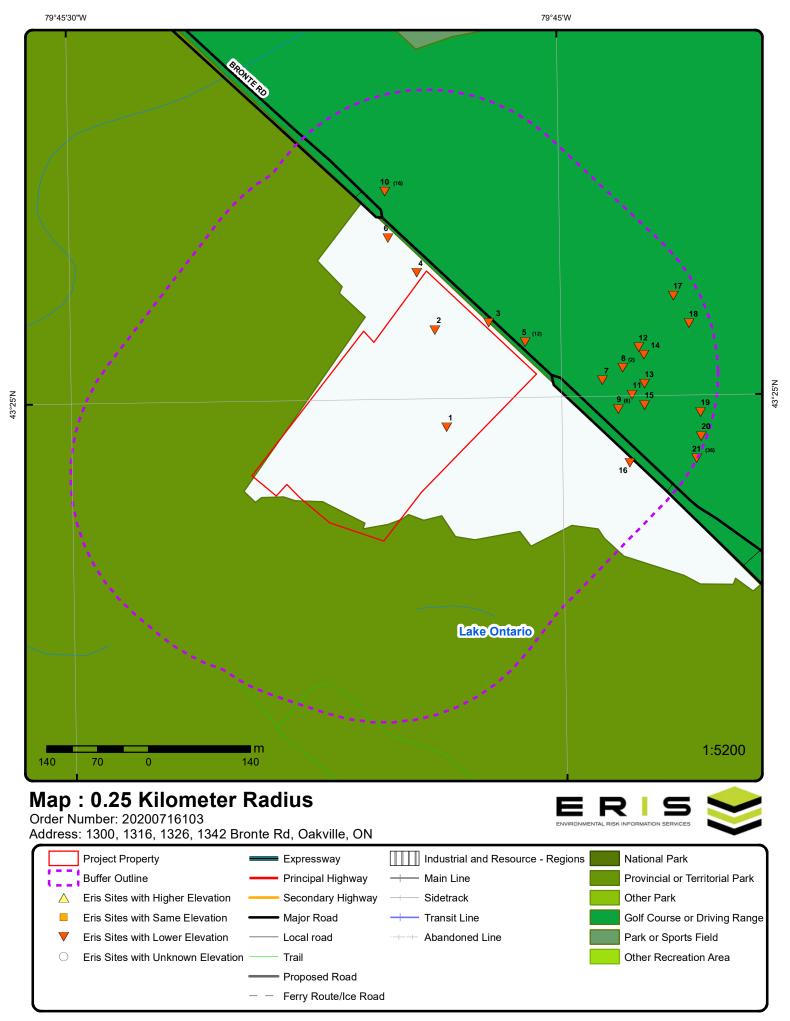
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 15 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	Map Key
	lot 31 con 2 ON	0.0	1
	Well ID: 2803804		
	lot 31 con 2 ON	0.0	<u>2</u>

<u>Site</u>	Address Well ID: 2807236	Distance (m)	<u>Map Key</u>
	lot 31 con 2 ON	6.5	<u>3</u>
	Well ID: 2802399		
	lot 31 con 2 ON	70.0	<u>6</u>
	Well ID : 2802400		
	OAKVILLE ON	91.2	<u>7</u>
	Well ID : 7195254		
	lot 30 con 2 ON	119.1	<u>8</u>
	Well ID: 7332214		
	OAKVILLE ON	119.1	<u>8</u>
	Well ID : 7195255		
	ON	134.9	<u>11</u>
	Well ID: 7283572		
	lot 30 con 2 ON	145.4	<u>12</u>
	Well ID: 7332215		
	lot 30 con 2 ON	149.4	<u>13</u>
	Well ID: 7332216		
	OAKVILLE ON	150.1	<u>14</u>
	Well ID : 7195256		
	lot 30 con 2 OAKVILLE ON	154.8	<u>15</u>
	Well ID : 7264361		
	lot 31 con 2 ON	177.7	<u>16</u>
	Well ID: 2802398		

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
	lot 30 con 2 Oakville ON	220.9	<u>18</u>
	Well ID : 7316764		
		242.5	20
	OAKVILLE ON	242.3	<u>20</u>
	Well ID: 7287937		



Source: © 2015 DMTI Spatial Inc.

Aerial Year: 2018

Address: 1300, 1316, 1326, 1342 Bronte Rd, Oakville, ON

Source: ESRI World Imagery

Order Number: 20200716103



Topographic Map

Address: 1300, 1316, 1326, 1342 Bronte Rd, ON

Source: ESRI World Topographic Map

Order Number: 20200716103



Detail Report

DB		Site	Elev/Diff (m)	Direction/ Distance (m)	-	Number Records	Мар Кеу
wwis		lot 31 con 2 ON	130.8 / -0.03	ESE/0.0		1 of 1	1
		Data Entry Status:			2803804		Well ID:
	1	Data Src:				Date:	Construction
	4/21/1972	Date Received:			Domestic	r Use:	Primary Wate
	Yes	Selected Flag:			0		Sec. Water U
		Abandonment Rec:		ly	Water Suppl	atus:	Final Well Sta
	3637	Contractor:		,			Water Type:
	1	Form Version:				ial:	Casing Mater
		Owner:					Audit No:
		Street Name:					Tag:
	HALTON	County:					Construction
		-					Method:
	OAKVILLE TOWN	Municipality:				:	Elevation (m)
		Site Info:				iability:	Elevation Rea
	031	Lot:				rock:	Depth to Bed
	02	Concession:					Well Depth:
	DS S	Concession Name:				Bedrock:	Overburden/l
		Easting NAD83:					Pump Rate:
		Northing NAD83:				Level:	Static Water
		Zone:) <i>:</i>	Flowing (Y/N)
		UTM Reliability:					Flow Rate:
						:	Clear/Cloudy

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2803804.pdf

Order No: 20200716103

Bore Hole Information

PDF URL (Map):

 Bore Hole ID:
 10150335
 Elevation:
 130.49147

 DP2BR:
 Elevrc:

 Spatial Status:
 Zone:
 17

 Code OB:
 0
 East83:
 601034.6

 Code OB Desc:
 Overburden
 North83:
 4807803

Open Hole: Org CS:

 Cluster Kind:
 UTMRC:
 4

 Date Completed:
 11/25/1971
 UTMRC Desc:
 margin of error : 30 m - 100 m

Remarks: Location Method: p4
Elevrc Desc:

Location Source Date:
Improvement Location Source:
Improvement Location Method:

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: 931433347

 Layer:
 2

 Color:
 2

 General Color:
 GREY

 Mat1:
 05

 Most Common Material:
 CLAY

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

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 10
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931433346

Layer:

Color:

General Color:

Mat1: 24

Most Common Material: PREV. DRILLED

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: 931433348

 Layer:
 3

 Color:
 2

 General Color:
 GREY

 Mat1:
 28

 Most Common Material:
 SAND

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 13
Formation End Depth: 16
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931433350

 Layer:
 5

 Color:
 2

 General Color:
 GREY

 Mat1:
 11

 Most Common Material:
 GRAVEL

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 27
Formation End Depth: 29
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

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

Formation ID: 931433349

 Layer:
 4

 Color:
 3

 General Color:
 BLUE

 Mat1:
 05

 Most Common Material:
 CLAY

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 16
Formation End Depth: 27
Formation End Depth UOM: ft

Method of Construction & Well

Other Method Construction:

<u>Use</u>

Method Construction ID:962803804Method Construction Code:6Method Construction:Boring

Pipe Information

 Pipe ID:
 10698905

 Casing No:
 1

 Comment:
 1

Alt Name:

Construction Record - Casing

Casing ID: 930255637

 Layer:
 2

 Material:
 2

Open Hole or Material: GALVANIZED

Depth From:

Depth To:29Casing Diameter:30Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

Casing ID: 930255636

Layer:

Material: 3

Open Hole or Material: CONCRETE

Depth From:

Depth To: 26
Casing Diameter: 27
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992803804

Pump Set At:

Static Level: 8
Final Level After Pumping: 27
Recommended Pump Depth: 27

Pumping Rate: Flowing Rate:

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

Recommended Pump Rate: 5 Levels UOM:

GPM Rate UOM:

Water State After Test Code: Water State After Test: Pumping Test Method:

1 **Pumping Duration HR:** 1 **Pumping Duration MIN:** 0 No Flowing:

Water Details

Water ID: 933606346

Layer: 1 Kind Code:

FRESH Kind: Water Found Depth: 11 Water Found Depth UOM: ft

Water Details

Water ID: 933606347

Layer: 2 Kind Code: 1 Kind: **FRESH** Water Found Depth: 27 Water Found Depth UOM: ft

2 1 of 1 NE/0.0 129.3 / -1.49 lot 31 con 2 **WWIS** ON

Well ID: 2807236 Data Entry Status:

Construction Date: Data Src:

3/23/1989 Domestic Primary Water Use: Date Received: Sec. Water Use: Irrigation Selected Flag: Yes Final Well Status: Water Supply Abandonment Rec:

4005 Water Type: Contractor: Casing Material: Form Version: 1 Audit No: 37246 Owner:

Tag: Street Name:

Construction County: **HALTON** Method:

Elevation (m): **OAKVILLE TOWN** Municipality: Elevation Reliability: Site Info: Depth to Bedrock: Lot: 031

Well Depth: Concession: 02 Overburden/Bedrock: Concession Name: DS S Easting NAD83:

Pump Rate: 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\2807236.pdf

Order No: 20200716103

Bore Hole Information

Bore Hole ID: 10153497 Elevation: 129.888793

DP2BR: 71 Elevrc: Spatial Status: Zone:

17 Code OB: 601018.3 East83: **Bedrock** 4807937 Code OB Desc: North83:

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

Open Hole: Cluster Kind:

3/8/1989 Date Completed:

Remarks:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 931446394

Layer: Color: 6

General Color: **BROWN** Mat1: 10

Most Common Material: COARSE SAND

Mat2: 77 Mat2 Desc: LOOSE

Mat3: Mat3 Desc:

0 Formation Top Depth: Formation End Depth: 9 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931446397

Layer: Color: 6 General Color: **BROWN** Mat1: 28

SAND Most Common Material: Mat2: 05 CLAY Mat2 Desc: Mat3: 11 **GRAVEL** Mat3 Desc: Formation Top Depth: 19 Formation End Depth: 33 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931446399

Layer: 6 Color: **GREY** General Color: Mat1: Most Common Material: **GRAVEL** Mat2: 28 SAND Mat2 Desc: 79 Mat3: Mat3 Desc: **PACKED**

Formation Top Depth: 39 47 Formation End Depth: Formation End Depth UOM: ft

Org CS: **UTMRC**:

UTMRC Desc: margin of error: 10 - 30 m Location Method:

gps

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

Overburden and Bedrock

Materials Interval

931446401 Formation ID:

Layer: 2 Color: General Color: **GREY** Mat1: 05 Most Common Material: CLAY Mat2: Mat2 Desc: GRAVEL Mat3: 79 Mat3 Desc: **PACKED**

Formation Top Depth: 55 Formation End Depth: 63 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

931446403 Formation ID:

Layer: 10 Color: General Color: RED Mat1: 17 SHALE Most Common Material: Mat2: 73 HARD Mat2 Desc:

Mat3: Mat3 Desc:

71 Formation Top Depth: Formation End Depth: 83 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931446402 9

11

Layer: Color: 6 **BROWN** General Color: Mat1: 05 Most Common Material: CLAY

Mat2: Mat2 Desc: **GRAVEL** Mat3: 79 Mat3 Desc: **PACKED** Formation Top Depth: 63 Formation End Depth: 71 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

931446395 Formation ID:

Layer: 2 Color:

General Color: **BROWN** Mat1: 10

Most Common Material: COARSE SAND

Mat2: Mat2 Desc: **GRAVEL** Mat3:

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

Mat3 Desc:LOOSEFormation Top Depth:9Formation End Depth:16Formation End Depth UOM:ft

Overburden and Bedrock

Materials Interval

Formation ID: 931446396

Layer: Color: 2 **GREY** General Color: Mat1: 05 Most Common Material: CLAY Mat2: Mat2 Desc: **GRAVEL** Mat3: 77 LOOSE Mat3 Desc: Formation Top Depth: 16 Formation End Depth: 19 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931446400

Layer: 7 **Color:** 6

General Color: BROWN

 Mat1:
 11

 Most Common Material:
 GRAVEL

 Mat2:
 28

 Mat2 Desc:
 SAND

 Mat3:
 79

Mat3 Desc:PACKEDFormation Top Depth:47Formation End Depth:55Formation End Depth UOM:ft

Overburden and Bedrock

Materials Interval

Formation ID: 931446398

5 Layer: Color: 2 General Color: **GREY** Mat1: 05 Most Common Material: CLAY Mat2: 11 **GRAVEL** Mat2 Desc: Mat3: Mat3 Desc: LOOSE Formation Top Depth: 33 Formation End Depth: 39

Method of Construction & Well

Formation End Depth UOM:

<u>Use</u>

Method Construction ID: 962807236

Method Construction Code: 1

Method Construction: Cable Tool

Order No: 20200716103

ft

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

Other Method Construction:

Pipe Information

 Pipe ID:
 10702067

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930261064

Layer: 1
Material: 1

Open Hole or Material: STEEL

Depth From:

Depth To:42Casing Diameter:6Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Casing

Casing ID: 930261065

Layer: 2

Material:

Open Hole or Material:

Depth From:

Depth To: 83

Casing Diameter:

Casing Diameter UOM: inch Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933338950

 Layer:
 1

 Slot:
 018

 Screen Top Depth:
 42

 Screen End Depth:
 45

 Screen Material:

Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 5

Results of Well Yield Testing

Pump Test ID: 992807236

Pump Set At:

Static Level: 29
Final Level After Pumping: 30
Recommended Pump Depth: 41
Pumping Rate: 24
Flowing Rate:
Recommended Pump Rate: 20
Levels UOM: ft

Rate UOM:

Water State After Test Code:

Water State After Test:

Pumping Test Method:

Pumping Duration HR:

Pumping Duration MIN:

GPM

2

CLOUDY

2

Pumping Duration MIN:

0

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

No Flowing:

Draw Down & Recovery

Pump Test Detail ID: 934963729 Test Type: Recovery Test Duration: 25 Test Level: Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934711105 Test Type: Recovery Test Duration: 45 25 Test Level: Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934451958 Recovery Test Type: Test Duration: 30 25 Test Level: Test Level UOM:

Draw Down & Recovery

934178377 Pump Test Detail ID: Test Type: Recovery Test Duration: 15 Test Level: 25 Test Level UOM:

Water Details

933610706 Water ID:

Layer: Kind Code: 5

Not stated Kind: Water Found Depth: 42 Water Found Depth UOM: ft

3 1 of 1 NE/6.5 129.8 / -1.07 lot 31 con 2 **WWIS** ON

Well ID: 2802399 Data Entry Status:

Construction Date:

Not Used Primary Water Use:

Sec. Water Use:

Final Well Status:

Abandoned-Quality Water Type:

Casing Material: Audit No:

Tag:

Construction Method: Elevation (m): Elevation Reliability:

Depth to Bedrock: Well Depth: Overburden/Bedrock: Date Received:

Data Src:

12/14/1955 Selected Flag: Yes

Abandonment Rec:

Contractor: 2309 Form Version: Owner:

Street Name:

HALTON County:

Municipality: **OAKVILLE TOWN** Site Info:

Order No: 20200716103

Lot:

031 Concession: 02 DS S Concession Name:

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

Easting NAD83: Pump Rate: Static Water Level: Northing NAD83:

Flowing (Y/N): Zone: UTM Reliability:

Flow Rate: Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802399.pdf

Bore Hole Information

10148949 129.745239 Bore Hole ID: Elevation:

DP2BR: Elevrc: Spatial Status: Zone:

17 Code OB: East83: 601092.6 Code OB Desc: Overburden North83: 4807947

Open Hole: Org CS:

Cluster Kind: **UTMRC**:

12/2/1955 Date Completed: **UTMRC Desc:** unknown UTM Location Method: Remarks: p9

Location Source Date: Improvement Location Source:

Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

931428439 Formation ID:

Layer: 2

Color:

Elevrc Desc:

General Color:

Mat1: 11

Most Common Material: **GRAVEL**

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 35 60 Formation End Depth: Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931428438

Layer:

Color:

General Color:

Mat1: 05 CLAY Most Common Material:

Mat2: Mat2 Desc: Mat3:

Mat3 Desc:

0 Formation Top Depth: Formation End Depth: 35 Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

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

Method Construction ID: 962802399

Method Construction Code: 1

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10697519

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930253462

Layer: 1
Material: 1

Open Hole or Material: STEEL

Depth From:

Depth To:60Casing Diameter:6Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pump Test ID: 992802399

Pump Set At:

Static Level: 50

Final Level After Pumping: Recommended Pump Depth:

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

Levels UOM: ft

Rate UOM: GPM

Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing: No

Water Details

Water ID: 933604469

 Layer:
 1

 Kind Code:
 2

 Kind:
 SALTY

 Water Found Depth:
 50

 Water Found Depth UOM:
 ft

4 1 of 1 NNE/9.2 128.9 / -1.96 The Corporation of the Town of Oakville;

1350 Bronte Road

Oakville ON

 Ref No:
 0664-9WEURG

 Site No:
 NA

 Incident Dt:
 5/11/2015

Year:
Incident Cause: Fire/Explosion

Discharger Report: Material Group: Health/Env Conseq: Client Type:

Sector Type:

SPL

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: WATER/SEDIMENT 1350 Bronte Road Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Site Municipality: **Environment Impact:** Oakville Surface Water Nature of Impact: Site Lot: Receiving Medium: Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: 5/15/2015 Site Geo Ref Accu: MOE Reported Dt: 5/11/2015 Site Map Datum: Dt Document Closed: 6/2/2015 SAC Action Class: Watercourse Spills Incident Reason: Unknown / N/A Source Type: Car fire<UNOFFICIAL> Site Name: Site County/District: Site Geo Ref Meth: Car fire - firewater to CB Incident Summary: Contaminant Qty: 0 other - see incident description 5 1 of 12 ENE/21.3 129.3 / -1.54 The Regional Municipality of Halton **ECA** Greystone Cres Georgetown Halton Hills ON L6M 3L1 Approval No: 7096-7SVMGX **MOE District:** Halton-Peel Approval Date: 2009-06-11 City: Approved -79.75063 Status: Longitude: **ECA** Record Type: Latitude: 43.41735 IDS Link Source: Geometry X: SWP Area Name: Halton Geometry Y: ECA-Municipal Drinking Water Systems Approval Type: Municipal Drinking Water Systems Project Type: Address: Greystone Cres Georgetown Full Address: Full PDF Link: 2 of 12 ENE/21.3 129.3 / -1.54 1721169 Ontario Inc. 5 **ECA** Greater Sudbury ON P3E 2P7 Approval No: 6396-7VVQ7M **MOE District:** Halton-Peel Approval Date: 2009-09-14 City: Approved -79.75063 Status: Longitude: Record Type: **ECA** Latitude: 43.41735 Link Source: **IDS** Geometry X: SWP Area Name: Halton Geometry Y: ECA-Municipal Drinking Water Systems Approval Type: Municipal Drinking Water Systems Project Type: Address: Full Address: Full PDF Link:

5 3 of 12 ENE/21.3 129.3 / -1.54 1721169 Ontario Inc. ECA

Greater Sudbury ON P3E 2P7

Order No: 20200716103

 Approval No:
 9693-7RSNH7
 MOE District:
 Halton-Peel

 Approval Date:
 2009-05-07
 City:

Status: Revoked and/or Replaced Longitude: -79.75063

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		ECA IDS Halton	ECA-MUNICIPAL AND I			43.41735	
<u>5</u>	4 of 12		ENE/21.3	129.3 / -1.54	Verus Partners, L Auctions Compa Pt. of Lot 1, Con. Milton ON L9T 50	4	ECA
Approval No		8685-67			MOE District:	Halton-Peel	
Approval Da Status:	ite:	2005-01 Approve	-		City: Longitude:	-79.75063	
Record Type	e:	ECA	u		Latitude:	43.41735	
Link Source		IDS			Geometry X:		
SWP Area N	lame:	Halton			Geometry Y:		
Approval Ty	•		ECA-MUNICIPAL				
Project Type	e <i>:</i>		MUNICIPAL AND I Pt. of Lot 1, Con. 4		E WORKS		
Address: Full Addres	e <i>-</i>		Pt. 01 L0t 1, C011. 4				
Full PDF Lin							
<u>5</u>	5 of 12		ENE/21.3	129.3 / -1.54	1721169 Ontario	Inc	
<u>=</u>	3 01 12		LIVE/21.5	123.37 -1.04			ECA
					Greater Sudbury	ON P3E 2P7	
Approval No Approval Da		4877-8H 2011-06			MOE District: City:	Halton-Peel	
Status:		Approve			Longitude:	-79.75063	
Record Type	e:	ECA			Latitude:	43.41735	
Link Source		IDS			Geometry X:		
SWP Area N		Halton	ECA MUNICIDAL	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Geometry Y:		
• • •	Approval Type: Project Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS				
Full Addres							
Full PDF Lin	ık:		https://www.access	senvironment.ene.	gov.on.ca/instruments/2	874-8GWS6G-14.pdf	
<u>5</u>	6 of 12		ENE/21.3	129.3 / -1.54	1721169 Ontario	Inc.	ECA
Approval No		4059-7R			MOE District:	Halton-Peel	
Approval Da Status:	ite:	2009-05 Revoked	-0 <i>7</i> d and/or Replaced		City: Longitude:	-79.75063	
Record Type	e:	ECA	a anu/or NepidCeu		Longitude: Latitude:	-79.75063 43.41735	
Link Source		IDS			Geometry X:		
SWP Area N		Halton			Geometry Y:		
Approval Ty Project Type Address: Full Address	e <i>:</i>		ECA-Municipal Drii Municipal Drinking		ms		
Full PDF Lin	nk:						

Мар Кеу	ey Number of Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>5</u>	7 of 12		ENE/21.3	129.3 / -1.54	The Regional Municipality of Halton From Charles Street to Edith St Georgetown Halton Hills ON L6M 3L1		ECA
Approval No: Approval Data Status: Record Type Link Source: SWP Area Na Approval Typ Project Type: Address: Full Address Full PDF Link	te: :: ame: :: ::	2483-7T 2009-07- Approved ECA IDS Halton	ECA-MUNICIPAL A MUNICIPAL AND P From Charles Stree	RIVATE SEWAG t to Edith St Geor	E WORKS	Halton-Peel -79.75063 43.41735	
<u>5</u> 8 of 12			ENE/21.3 129.3 / -1.54 The Regional Municipality of Halton Greystone Cres Georgetown Halton Hills ON L6M 3L1		ECA		
Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na Approval Typ Project Type Address: Full Address Full PDF Link	te: :: ame: :: ::	0682-7S' 2009-06- Approved ECA IDS Halton	11 ECA-MUNICIPAL A MUNICIPAL AND P Greystone Cres Ge	RIVATE SEWAG orgetown		Halton-Peel -79.75063 43.41735	
<u>5</u>	9 of 12	ENE/21.3 129.3 /		129.3 / -1.54	The Regional Municipality of Halton Birch Avenue and Clark Avenue Burlington ON L6M 3L1		ECA
Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na Approval Type Project Type Address: Full Address Full PDF Link	te: : : ame: : ::	6257-7B 2008-02- Approved ECA IDS Halton	22	Nater Systems	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Halton-Peel -79.75063 43.41735	
<u>5</u>	10 of 12		ENE/21.3	1.3 129.3 / -1.54 The Regional Municipality of Halton Within the right-of-way of Queen Street and Murdock St Georgetown Halton Hills ON L6M 3L1		ECA	
Approval No: Approval Dat Status: Record Type Link Source: SWP Area Na Approval Type Project Type.	te: : : ame: oe:	4417-822 2010-03- Approved ECA IDS Halton	01			Halton-Peel -79.75063 43.41735	

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Address:			Within the right-of-	-way of Queen Stre	et and Murdock St George	town	
Full Address: Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/6585-82QPVB-14.pdf					
<u>5</u>	11 of 12		ENE/21.3	129.3 / -1.54	1721169 Ontario Inc		ECA
					Greater Sudbury ON	I P3E 2P7	
Approval No: Approval Dat		6529-7VF 2009-09-			MOE District: City:	Halton-Peel	
Status: Record Type Link Source: SWP Area Na Approval Typ	ame: pe:	Approved ECA IDS Halton	ECA-MUNICIPAL	AND PRIVATE SE		-79.75063 43.41735	
Project Type. Address: Full Address Full PDF Link	:			PRIVATE SEWAG	E WORKS gov.on.ca/instruments/8122	2-7USS2U-14.pdf	
<u>5</u>	12 of 12	P. ENE/21.3 129.3 / -1.54 The Regional Municipality of Halton From Lakeshore Road to Burnet Rd Oakville ON L6M 3L1			ad to Burnet Rd	ECA	
Approval No.		7389-7U	-		MOE District:	Halton-Peel	
Approval Dat Status: Record Type Link Source: SWP Area Na Approval Type Project Type: Address: Full Address Full PDF Link	ame: oe: :	2009-08- Approved ECA IDS Halton	ECA-MUNICIPAL MUNICIPAL AND From Lakeshore F			-79.75063 43.41735 5-7U9P6P-14.pdf	
<u>6</u>	1 of 1		N/70.0	127.7/-3.13	lot 31 con 2 ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Red Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N) Flow Rate: Clear/Cloudy	er Use: Ise: Ise: atus: rial: n Method:): Iliability: Irock: Bedrock: Level:	2802400 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/17/1963 Yes 4602 1 HALTON OAKVILLE TOWN 031 02 DS S	

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

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802400.pdf

Order No: 20200716103

Bore Hole Information

Bore Hole ID: 10148950 Elevation: 128.121383

DP2BR: Elevrc:

Spatial Status: Zone: 17 600953.6 Code OB: East83:

Code OB Desc: Overburden North83: 4808064 Open Hole: Org CS:

Cluster Kind: **UTMRC**:

Date Completed: 10/5/1963 UTMRC Desc: margin of error: 100 m - 300 m

Remarks: Location Method: р5 Elevrc Desc:

Overburden and Bedrock

Materials Interval

Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: **Supplier Comment:**

931428442 Formation ID:

Layer: 3 2 Color: General Color: **GREY** Mat1: 05

Most Common Material: CLAY Mat2: Mat2 Desc:

Mat3: Mat3 Desc: Formation Top Depth: 15

Formation End Depth: 33 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931428440

Layer: Color:

General Color:

02 Mat1:

Most Common Material: **TOPSOIL**

Mat2: 09

MEDIUM SAND Mat2 Desc:

Mat3: Mat3 Desc:

Formation Top Depth: 0 Formation End Depth: 4

Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 931428441

Layer: 2 Color: 6 **BROWN** General Color: Mat1: 05

Most Common Material: CLAY

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 4
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931428443

Layer: 4

Color:

General Color:

Mat1: 11

Most Common Material:GRAVELMat2:05Mat2 Desc:CLAY

Mat3: Mat3 Desc:

Formation Top Depth: 33
Formation End Depth: 43
Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 962802400

Method Construction Code:

Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10697520

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930253463

Layer: 1
Material: 1

Open Hole or Material: STEEL

Depth From:

Depth To:43Casing Diameter:6Casing Diameter UOM:inchCasing Depth UOM:ft

Results of Well Yield Testing

Pump Test ID: 992802400

Pump Set At:

Static Level: 27
Final Level After Pumping: 37
Recommended Pump Depth: 40
Pumping Rate: 14

Flowing Rate:

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

Recommended Pump Rate: 5 Levels UOM: ft

GPM Rate UOM: Water State After Test Code: 2 Water State After Test: **CLOUDY** Pumping Test Method: **Pumping Duration HR:** 1 0 **Pumping Duration MIN:** No Flowing:

Water Details

933604470 Water ID: Layer: 1 Kind Code:

FRESH Kind: Water Found Depth: 37 Water Found Depth UOM: ft

1 of 1 E/91.2 7 128.3 / -2.55 **WWIS OAKVILLE ON**

7195254 Well ID:

Construction Date:

Primary Water Use: Test Hole Sec. Water Use: Final Well Status: Test Hole

Water Type:

Casing Material: Audit No: Z164472

A142689 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:

PDF URL (Map):

Bore Hole ID:

Bore Hole Information

1004234716

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 12/18/2012

Remarks: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Data Entry Status:

Data Src:

Date Received: 1/15/2013 Selected Flag: Yes Abandonment Rec: 7241 Contractor:

Form Version: Owner:

Street Name: 1401 BRONTE RD. GOLF

County: HALTON

OAKVILLE TOWN Municipality: Site Info: WKQ-005604 A0-A05

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:

UTM Reliability:

128.589309 Elevation:

Elevrc: Zone: 17 East83: 601249 4807868 North83: Org CS: UTM83 **UTMRC:**

UTMRC Desc: margin of error: 30 m - 100 m

Location Method:

Overburden and Bedrock

Materials Interval

Formation ID: 1004758919

Layer: Color: 6 General Color: **BROWN** 06 Mat1: Most Common Material: SILT Mat2: 28 SAND Mat2 Desc: Mat3: 77 LOOSE Mat3 Desc: Formation Top Depth: 1

14

ft

ft

Overburden and Bedrock

Formation End Depth UOM:

Formation End Depth:

Materials Interval

1004758920 Formation ID: Layer: 3 Color: 2 **GREY** General Color: Mat1: 06 Most Common Material: SILT Mat2: 28 SAND Mat2 Desc: Mat3: 77 Mat3 Desc: LOOSE Formation Top Depth: 14 15 Formation End Depth:

Overburden and Bedrock Materials Interval

Formation End Depth UOM:

Formation ID: 1004758918

Layer: 6 Color: **BROWN** General Color: Mat1: 11 Most Common Material: **GRAVEL** Mat2: 28 Mat2 Desc: SAND Mat3: 77 Mat3 Desc: LOOSE Formation Top Depth: Formation End Depth: 1 ft Formation End Depth UOM:

Annular Space/Abandonment

Sealing Record

Plug ID: 1004758929

 Layer:
 3

 Plug From:
 4

 Plug To:
 15

 Plug Depth UOM:
 ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004758927

 Layer:
 1

 Plug From:
 0

 Plug To:
 0.5

 Plug Depth UOM:
 ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004758928

 Layer:
 2

 Plug From:
 0.5

 Plug To:
 4

 Plug Depth UOM:
 ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 1004758926

Method Construction Code: D

Method Construction: Direct Push

Other Method Construction:

Pipe Information

Pipe ID: 1004758917

Casing No: 0

Comment: Alt Name:

Construction Record - Casing

Casing ID: 1004758923

Layer: 1
Material: 5
Open Hole or Material: P

Open Hole or Material:PLASTICDepth From:0Depth To:5Casing Diameter:1.5Casing Diameter UOM:inchCasing Depth UOM:ft

Construction Record - Screen

Screen ID: 1004758924

Layer: 1 Slot: 10 Screen Top Depth: 5 Screen End Depth: 15 Screen Material: 5 Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 1.75

Water Details

Water ID: 1004758922

Layer: Kind Code: Kind:

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

Water Found Depth:

Water Found Depth UOM:

Hole Diameter

Hole ID: 1004758921

ft

3.25 Diameter: 0 Depth From: Depth To: 15 Hole Depth UOM: ft Hole Diameter UOM: inch

8 1 of 2 E/119.1 127.9 / -2.97 **WWIS OAKVILLE ON**

Well ID: 7195255

Construction Date: Primary Water Use: Monitoring

Sec. Water Use:

Final Well Status:

Observation Wells

Water Type: Casing Material:

Z164471 Audit No: A142688 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:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1004234719

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

12/18/2012 Date Completed:

Remarks: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 1004759016

3 Layer: 2 Color:

Data Entry Status: Data Src:

1/15/2013 Date Received: Selected Flag: Yes

Abandonment Rec:

Contractor: 7241 Form Version:

Owner:

1401 BRONTE RD. GOLF Street Name:

County: **HALTON**

Municipality: OAKVILLE TOWN Site Info: WKQ-005604 A0-A05

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:

Zone:

UTM Reliability:

Elevation: 127.999008

Elevrc:

Zone: 17 East83: 601277 North83: 4807885 Org CS: UTM83

UTMRC:

UTMRC Desc: margin of error: 30 m - 100 m

Order No: 20200716103

Location Method: wwr

General Color: **GREY** Mat1: 06 SILT Most Common Material: Mat2: 28 Mat2 Desc: SAND 77 Mat3: Mat3 Desc: LOOSE Formation Top Depth: 14 Formation End Depth: 15 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1004759014

Layer: 1
Color: 6

6 General Color: **BROWN** Mat1: 11 Most Common Material: **GRAVEL** Mat2: 28 Mat2 Desc: SAND Mat3: 77 LOOSE Mat3 Desc: Formation Top Depth: 0

Formation End Depth UOM:

Overburden and Bedrock Materials Interval

Formation End Depth:

Formation ID: 1004759015

ft

 Layer:
 2

 Color:
 6

 General Color:
 BROWN

Mat1: 06 SILT Most Common Material: Mat2: 28 SAND Mat2 Desc: Mat3: 77 LOOSE Mat3 Desc: Formation Top Depth: 1 Formation End Depth: 14 Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004759023

 Layer:
 1

 Plug From:
 0

 Plug To:
 0.5

 Plug Depth UOM:
 ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004759025

 Layer:
 3

 Plug From:
 4

 Plug To:
 15

 Plug Depth UOM:
 ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004759024

 Layer:
 2

 Plug From:
 0.5

 Plug To:
 4

 Plug Depth UOM:
 ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 1004759022

Method Construction Code:

Method Construction: Direct Push

Other Method Construction:

Pipe Information

Pipe ID: 1004759013

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 1004759019

Layer: 1 Material: 5

Open Hole or Material: PLASTIC

Depth From: 0
Depth To: 5
Casing Diameter: 1.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004759020

Layer: 1 Slot: 10 Screen Top Depth: 5 Screen End Depth: 15 Screen Material: 5 Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 1.75

Water Details

Water ID: 1004759018

Layer: Kind Code: Kind:

Water Found Depth:

Water Found Depth UOM: ft

Hole Diameter

Мар Кеу	Number Record		tion/ Elev/Diff nce (m) (m)	Site		DB
Hole ID: Diameter: Depth From: Depth To: Hole Depth U	ЈОМ:	10047590 3.25 0 15 ft inch	017			
<u>8</u>	2 of 2	E/119.1	127.9 / -2.97	lot 30 con 2 ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St: Water Type: Casing Mate Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bed Well Depth: Overburden! Pump Rate: Static Water Flowing (Y/N) Flow Rate: Clear/Cloudy	er Use: lse: lse: atus: rial: n Method:): liability: drock: Bedrock: Level: ():	7332214 Abandoned-Other C5DK59LJ A142688		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	5/6/2019 Yes Yes 7147 9 HALTON OAKVILLE TOWN 030 02 DS S	
Bore Hole Im Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Con	formation : : :: :: : : : : : : : : : : : : : :	Method:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	17 601277 4807885 UTM83 4 margin of error : 30 m - 100 m wwr	
Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	erval): or:	1007377; 1	319			

Order No: 20200716103

Mat3 Desc:

Formation Top Depth: 0
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007377691

 Layer:
 1

 Plug From:
 0

 Plug To:
 4.6

 Plug Depth UOM:
 m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007377625

Layer: 1

Plug From: Plug To:

Plug Depth UOM: m

Pipe Information

Pipe ID: 1007377060

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 1007377454

Layer: Material:

Material: 5

Open Hole or Material:PLASTICDepth From:0Depth To:1.5Casing Diameter:3.7Casing Diameter UOM:cmCasing Depth UOM:m

Construction Record - Screen

Screen ID: 1007377514

Layer:

Slot:

 Screen Top Depth:
 1.5

 Screen End Depth:
 4.6

 Screen Material:
 5

 Screen Depth UOM:
 m

 Screen Diameter UOM:
 cm

 Screen Diameter:
 4.4

Results of Well Yield Testing

Pump Test ID: 1007377061

Pump Set At: Static Level:

Final Level After Pumping: Recommended Pump Depth:

Order No: 20200716103

Pumping Rate: Flowing Rate:

Recommended Pump Rate:

Levels UOM: m
Rate UOM: LPM

Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing:

Water Details

Water ID: 1007377276

 Layer:
 1

 Kind Code:
 8

 Kind:
 Untested

 Water Found Depth:
 3.1

 Water Found Depth UOM:
 m

9 1 of 6 E/122.8 128.7 / -2.17 SAW-WHET GOLF COURSE 1265 BRONTE ROAD GEN

1265 BRONTE ROA OAKVILLE ON

Choice of Contact:

Phone No Admin:

PO Box No: Country:

Co Admin:

Generator No: ON1075400 Status:

Approval Years: 2011

Contam. Facility: MHSW Facility:

SIC Code: 713910

SIC Description: Golf Courses and Country Clubs

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

9 2 of 6 E/122.8 128.7 / -2.17 SAW-WHET GOLF COURSE 1265 BRONTE ROAD GEN

PO Box No:

Choice of Contact:

Phone No Admin:

Order No: 20200716103

Country:

Co Admin:

OAKVILLE ON

Generator No: ON1075400

Status:

Years: 2012

Approval Years: Contam. Facility:

MHSW Facility:

SIC Code: 713910

SIC Description: Golf Courses and Country Clubs

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) SAW-WHET GOLF COURSE 9 3 of 6 E/122.8 128.7 / -2.17 **GEN** 1265 BRONTE ROAD **OAKVILLE ON** Generator No: ON1075400 PO Box No: Status: Country: Approval Years: 2013 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 713910 SIC Description: **GOLF COURSES AND COUNTRY CLUBS** Detail(s) Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS 4 of 6 E/122.8 128.7 / -2.17 SAW-WHET GOLF COURSE 9 **GEN** 1265 BRONTE ROAD **OAKVILLE ON L6M 4G3** Generator No: ON1075400 PO Box No: Status: Country: Canada Approval Years: 2015 Choice of Contact: CO_ADMIN Contam. Facility: No Co Admin: Michael Bondarenko 905-825-0671 Ext. Phone No Admin: MHSW Facility: No SIC Code: 713910 **GOLF COURSES AND COUNTRY CLUBS** SIC Description: Detail(s) Waste Class: Waste Class Desc: PETROLEUM DISTILLATES Waste Class: Waste Class Desc: **WASTE OILS & LUBRICANTS** Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

9 5 of 6 E/122.8 128.7 / -2.17 SAW-WHET GOLF COURSE GEN 1265 BRONTE ROAD

OAKVILLE ON L6M 4G3

Choice of Contact:

Phone No Admin:

Co Admin:

Canada

CO_ADMIN Michael Bondarenko

905-825-0671 Ext.

Order No: 20200716103

 Generator No:
 ON1075400
 PO Box No:

 Status:
 Country:

Approval Years: 2014
Contam. Facility: No
MHSW Facility: No

SIC Code: 713910

SIC Description: GOLF COURSES AND COUNTRY CLUBS

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

9 6 of 6 E/122.8 128.7 / -2.17 BRONTE GREEN CORPORATION

1265 BRONTE ROAD, OAKVILLE, ON L6M 4G3

RSC

Order No: 20200716103

Oakville ON

RSC ID: 226078 **Cert Date:**

RA No: Cert Prop Use No: RSC Type: Phase 1 and 2 RSC Intended Prop Use

RSC Type: Phase 1 and 2 RSC Intended Prop Use: Residential Curr Property Use: Commercial Qual Person Name: ELENI GIR

Curr Property Use:CommercialQual Person Name:ELENI GIRMA BEYENEMinistry District:Halton-Peel District OfficeStratified (Y/N):

Filing Date: 2019/10/16 Audit (Y/N):

Date Ack:Entire Leg Prop. (Y/N):Date Returned:Accuracy Estimate:Restoration Type:Telephone:

Soil Type: Fax: Criteria: Email:

CPU Issued Sect

1686:

Asmt Roll No: 2401020280068100000 **Prop ID No (PIN):** 25069-0161 (LT)

Property Municipal Address: 1265 BRONTE ROAD, OAKVILLE, ON L6M 4G3

Mailing Address: Latitude & Latitude: UTM Coordinates: Consultant: Legal Desc:

Measurement Method: Applicable Standards:

RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=117989&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading:Supporting DocumentsDocument Name:Current and Past Use Table.pdf

Document Type:Table of Current and Past Property Use

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action? attachmentId=117983&fileName=Current+and+Past+Use+Table.pdf

Document Heading:Supporting DocumentsDocument Name:Phase Two CSM.pdf

Document Type: Phase 2 Conceptual Site Model

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=117991&fileName=Phase+Two+CSM.pdf

Document Heading:Supporting DocumentsDocument Name:Certificate of Status.pdfDocument Type:Certificate of Status

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=117987&fileName=Certificate+of+Status.pdf

Document Heading:Supporting DocumentsDocument Name:Parcel Register.pdf

Document Type: Copy of any deed(s), transfer(s) or other document(s)

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=117984&fileName=Parcel+Register.pdf

Document Heading: Document Name:Supporting Documents
APEC Table.pdf

Document Type: Area(s) of Potential Environmental Concern

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=117992&fileName=APEC+Table.pdf

Document Heading: Supporting Documents

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document N Document T Document L	уре:		Survey Plan.PDF A Current plan of Si https://www.lrcsde.l attachmentId=1179	rc.gov.on.ca/BFIS	: WebPublic/pub/viewDocument.action? vey+Plan.PDF	
Document H Document N Document T Document L	lame: ype:			sisting of a legal derc.gov.on.ca/BFIS	escription of the property WebPublic/pub/viewDocument.action? vyersLetter.pdf	
<u>10</u>	1 of 16		N/123.6	126.8 / -4.03	SAW-WHET GOLF COURSE 1401 BRONTE RD. OAKVILLE ON L6M 4G3	GEN
	Generator No:		5400		PO Box No:	
Approval Ye	Status: Approval Years: Contam. Facility:		0		Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descript		9651	GOLF COURSES		Phone No Admin.	
<u>Detail(s)</u>						
Waste Class Waste Class			213 PETROLEUM DIST	TILLATES		
<u>10</u>	2 of 16		N/123.6	126.8 / -4.03	SAW-WHET GOLF COURSE 34-481 1401 BRONTE RD. OAKVILLE ON L6M 4G3	GEN
Generator N	lo:	ON1075400 92,93,94,95,96			PO Box No:	
Status: Approval Ye Contam. Fac	cility:				Country: Choice of Contact: Co Admin:	
MHSW Facil SIC Code: SIC Descrip	•	9651	GOLF COURSES		Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class Desc:			213 PETROLEUM DISTILLATES			
<u>10</u>	3 of 16		N/123.6	126.8 / -4.03	SAW-WHET GOLF COURSE 1401 BRONTE RD OAKVILLE ON L6M 4G3	GEN
Generator No: ON1075 Status: Approval Years: 97 Contam. Facility: MHSW Facility: SIC Code: 9651 SIC Description:		ON1075	5400		PO Box No:	
		97			Country: Choice of Contact: Co Admin: Phone No Admin:	
		GOLF COURSES				
Detail(s)						
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES				

Order No: 20200716103

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
10	4 of 16		N/123.6	126.8 / -4.03	SAW-WHET GOLF CO 1401 BRONTE ROAD OAKVILLE ON L6J 4Z		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code:		ON1075400 98,99,00,01,03,04,05,06,07,08 9651			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Descrip	tion:	3031	GOLF COURSES				
<u>Detail(s)</u>							
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES					
Waste Class Waste Class			221 LIGHT FUELS				
	Waste Class: Waste Class Desc:		252 WASTE OILS & LI	UBRICANTS			
<u>10</u>	5 of 16		N/123.6	126.8 / -4.03	SAW-WHET GOLF CO 1401 BRONTE ROAD OAKVILLE ON L6M 40		GEN
Generator N Status: Approval Ye Contam. Faci MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON10754 2009 713910	400 Golf Courses and	Country Clubs	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
	Waste Class: Waste Class Desc:		213 PETROLEUM DIS	TILLATES			
Waste Class Waste Class			252 WASTE OILS & LI	UBRICANTS			
<u>10</u>	6 of 16		N/123.6	126.8 / -4.03	1401 Bronte Rd Oakville ON L6M 4G3		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Si Lot/Building Additional In	e: ved: te Name:	3/28/201			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON 0.25 -79.750674 43.422274	
<u>10</u>	7 of 16		N/123.6	126.8 / -4.03	1401 Bronte Road Oakville ON L6M 4G3		EHS
Order No:		2012112	6021		Nearest Intersection:		

Order No: 20200716103

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

Status: С

Report Type: **Custom Report** Report Date: 05-DEC-12 26-NOV-12 Date Received:

Previous Site Name: Lot/Building Size:

Additional Info Ordered:

Municipality:

Client Prov/State: ON Search Radius (km): .25 X:

-79.750245 Y: 43.422274

GEN

ECA

Order No: 20200716103

10 8 of 16 N/123.6 126.8 / -4.03 SAW-WHET GOLF COURSE

Fire Insur. Maps and/or Site Plans

1401 BRONTE ROAD **OAKVILLE ON L6M 4G3**

Generator No: ON1075400 PO Box No: Status: Country:

Choice of Contact: Approval Years: 2010 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

713910 SIC Code:

SIC Description: Golf Courses and Country Clubs

Detail(s)

Waste Class: 213

PETROLEUM DISTILLATES Waste Class Desc:

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

9 of 16 N/123.6 126.8 / -4.03 10 **Bronte Green Corporation**

> 1401 Bronte Rd Oakville ON L7M 4P8

Approval No: 1917-B55GBV **MOE District:** Approval Date: 2018-10-03 City: Approved Longitude: Status: Record Type: **ECA** Latitude: IDS Link Source: Geometry X: SWP Area Name: Geometry Y:

ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type:

Address: 1401 Bronte Rd

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3018-B4QKEX-14.pdf

10 10 of 16 N/123.6 126.8 / -4.03 **Bronte Green Corporation PTTW**

ON

EBR Registry No: 013-3651 **Decision Posted:** 601203

Ministry Ref No: 8864-B3XKZZ Exception Posted:

Section: Notice Type: Instrument Decision

Notice Stage: Act 1: 4808086 Notice Date: November 23, 2018 Act 2:

Proposal Date: September 06, 2018 Site Location Map:

Year: 2018

Instrument Type: Permit to Take Water - OWRA s. 34

Off Instrument Name:

Posted By: Company Name: Bronte Green Corporation(OWRA s. 34) - Permit to Take Water

Site Address: Location Other:

Direction/ Elev/Diff Site DΒ Map Key Number of

Proponent Name: **Bronte Green Corporation** Proponent Address: 2173 Turnberry Road

Records

Burlington Ontario Canada L7M 4P8

Distance (m)

Comment Period:

http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do? **URL:**

noticeId=MTM1OTUy&statusId=MjA4MjIw&language=en

Site Location Details:

1401 Bronte Road

Address: 1401 Bronte Rd Lot 29 and 30 Concession 2, Oakville, Town, Regional Municipality of Halton

District Office: Halton-Peel

GeoReference: Zone: 17, UTM Easting: 601203, UTM Northing: 4808086,

LIO GeoReference: Zone: 17, UTM Easting: 600755.41, UTM Northing: 4808279.6, Latitude: 43.420635, Longitude: -79.75534

Site #: 0889-AMWHCT TOWN OF OAKVILLE

> 11 of 16 N/123.6 126.8 / -4.03 **Bronte Green Corporation** 10 **GEN** 1401 Bronte Road

Oakville ON L6L 2Y4

ON4860196 Generator No: PO Box No:

Status: Registered Country: Canada

As of Dec 2018 Choice of Contact: Approval Years: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: SIC Description:

Detail(s)

Waste Class: 251 I

Waste Class Desc: Waste oils/sludges (petroleum based)

12 of 16 126.8 / -4.03 **Bronte Green Corporation** 10 N/123.6 **ECA** 1401 Bronte Rd

Oakville ON L7M 4P8

Approval No: 9583-BA5NUF **MOE District:** 2019-03-30 Approval Date: City: Approved Longitude: Status: **ECA** Latitude: Record Type: Link Source: IDS Geometry X:

SWP Area Name: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type:

1401 Bronte Rd Address:

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9295-B5NJTP-14.pdf

10 13 of 16 N/123.6 126.8 / -4.03 **Bronte Green Corporation** GEN

1401 Bronte Road

Order No: 20200716103

Oakville ON L6L 2Y4

Generator No: ON4860196 PO Box No: Status: Registered Country: Canada

As of Apr 2020 Approval Years: Choice of Contact: Contam. Facility: Co Admin:

MHSW Facility: Phone No Admin:

SIC Code: SIC Description:

Detail(s)

Waste Class: 251 L

Waste Class Desc: Waste oils/sludges (petroleum based)

10 14 of 16 N/123.6 126.8 / -4.03 BRONTE GREEN CORPORATION

1401 BRONTE ROAD, OAKVILLE, ON L6M 4G3

RSC

Order No: 20200716103

Oakville ON

RSC ID: 226085 **Cert Date**:

RA No: Cert Prop Use No: RSC Type: Phase 1 and 2 RSC Intended Prop Use:

 RSC Type:
 Phase 1 and 2 RSC
 Intended Prop Use:
 Residential

 Curr Property Use:
 Commercial
 Qual Person Name:
 ELENI BEYENE

 Ministry District:
 Halton-Peel District Office
 Stratified (Y/N):

Filing Date: 2019/10/16

Audit (Y/N):

Date Ack: Entire Leg Prop. (Y/N):

Date ACK: Entire Leg Prop. (Y/F
Date Returned: Accuracy Estimate:
Restoration Type: Telephone:

Soil Type: Fax: Criteria: Email:

CPU Issued Sect

1686:

 Asmt Roll No:
 2401020280068100000

 Prop ID No (PIN):
 25069-0162 (LT)

Property Municipal Address: 1401 BRONTE ROAD, OAKVILLE, ON L6M 4G3

Mailing Address: Latitude & Latitude: UTM Coordinates: Consultant: Legal Desc:

Measurement Method: Applicable Standards:

RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=118069&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading:Supporting DocumentsDocument Name:Phase Two CSM-Parcel 3.pdfDocument Type:Phase 2 Conceptual Site Model

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=118061&fileName=Phase+Two+CSM-Parcel+3.pdf

Document Heading: Document Name:Supporting Documents
Parcel register.pdf

Document Type: Copy of any deed(s), transfer(s) or other document(s)

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachment Id = 118066 & file Name = Parcel + register.pdf

 Document Heading:
 Supporting Documents

 Document Name:
 LawyersLetter.pdf

Document Type: Lawyer's letter consisting of a legal description of the property

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=120022&fileName=LawyersLetter.pdf

Document Heading:Supporting DocumentsDocument Name:Survey Plan.PDFDocument Type:A Current plan of Survey

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=118067&fileName=Survey+Plan.PDF

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) Supporting Documents Document Heading: **Document Name:** Certificate of Status.pdf Document Type: Certificate of Status

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=118068&fileName=Certificate+of+Status.pdf

Document Heading: Supporting Documents Current and Past Use Table.pdf **Document Name:**

Document Type: Table of Current and Past Property Use

https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action? Document Link: attachmentId=118070&fileName=Current+and+Past+Use+Table.pdf

Document Heading: **Supporting Documents** Document Name: APEC Table.pdf

Document Type: Area(s) of Potential Environmental Concern

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=118071&fileName=APEC+Table.pdf

15 of 16 N/123.6 126.8 / -4.03 **Bronte Green Corporation** 10

1401 Bronte Road Oakville ON L7M 4P8 **ECA**

Approval No: 1629-BHUN4C **MOE District:** 2019-11-25 Approval Date: City: Status: Approved Longitude: Record Type: **ECA** Latitude: Link Source: **IDS** Geometry X:

SWP Area Name: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type:

Address: 1401 Bronte Road

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1797-BGZRR9-14.pdf

10 16 of 16 N/123.6 126.8 / -4.03 **Bronte Green Corporation ECA**

1401 Bronte Rd Oakville ON L7M 4P8

7230

Order No: 20200716103

8

Geometry Y:

Approval No: 9029-BJKNV6 MOE District: 2020-03-31 Approval Date: City: Approved Longitude: Status: Record Type: **ECA** Latitude: Link Source: **IDS** Geometry X:

SWP Area Name:

1 of 1

ECA-INDUSTRIAL SEWAGE WORKS Approval Type: Project Type: INDUSTRIAL SEWAGE WORKS

E/134.9

Address: 1401 Bronte Rd

Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6534-BC7LUL-13.pdf

127.8 / -2.99

11 **WWIS** ON

Well ID: 7283572 Data Entry Status: Yes

Construction Date: Data Src: 3/20/2017 Primary Water Use: Date Received: Sec. Water Use: Selected Flag: Yes Final Well Status: Abandonment Rec:

Water Type: Contractor: Casing Material: Form Version:

Audit No: C35899 Owner: A217099 Street Name: Tag:

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

Construction Method: HALTON County:

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:

Bore Hole Information

Improvement Location Method: Source Revision Comment: Supplier Comment:

PDF URL (Map):

Bore Hole ID: 128.076751 1006369922 Elevation:

DP2BR: Elevrc: Spatial Status: Zone: 17 Code OB: East83: 601290

Code OB Desc: 4807848 North83: Open Hole: Org CS: UTM83 Cluster Kind: UTMRC:

12/1/2016 margin of error: 30 m - 100 m Date Completed: **UTMRC Desc:**

Remarks: Location Method:

Elevrc Desc:

Location Source Date: Improvement Location Source:

1 of 1 E/145.4 126.8 / -4.08 lot 30 con 2 12 **WWIS**

Order No: 20200716103

Well ID: 7332215 Data Entry Status: **Construction Date:** Data Src:

Primary Water Use: Date Received: 5/6/2019 Sec. Water Use: Selected Flag: Yes Final Well Status: Abandoned-Other Abandonment Rec: Yes Contractor: Water Type: 7147

Casing Material: Form Version: Audit No: **MFKJUMCD** Owner:

Tag: _NO_TAG Street Name: **Construction Method:** County: **HALTON**

Municipality: **OAKVILLE TOWN** Elevation (m): Elevation Reliability: Site Info: Depth to Bedrock: 030 Lot:

02 Well Depth: Concession: Overburden/Bedrock:

Concession Name: DS S Easting NAD83: Pump Rate:

Static Water Level: Northing NAD83: Flowing (Y/N): Zone:

Flow Rate: UTM Reliability: Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 1007376892 Elevation: DP2BR: Elevrc:

Spatial Status: Zone: 17

PDF URL (Map):

East83:

North83:

Org CS:

UTMRC:

UTMRC Desc:

Location Method:

601299

UTM83

wwr

4807913

margin of error: 30 m - 100 m

Order No: 20200716103

Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 4/26/2019

Remarks: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 1007377320

Layer: 1

Color: General Color:

Mat1: Most Common Material:

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 0

Formation End Depth:

Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007377692

 Layer:
 1

 Plug From:
 0

 Plug To:
 4.6

 Plug Depth UOM:
 m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007377626

Layer:

Plug From: Plug To:

Plug Depth UOM: m

Pipe Information

Pipe ID: 1007377062

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 1007377455

 Layer:
 1

 Material:
 5

Open Hole or Material: PLASTIC

Depth From: 0

Depth To: 1.5
Casing Diameter: 5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007377515

Layer: 1

Slot:

 Screen Top Depth:
 1.5

 Screen End Depth:
 4.6

 Screen Material:
 5

 Screen Depth UOM:
 m

 Screen Diameter UOM:
 cm

 Screen Diameter:
 6.3

Results of Well Yield Testing

Pump Test ID: 1007377063

Pump Set At: Static Level:

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: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing:

Water Details

Water ID: 1007377277

 Layer:
 1

 Kind Code:
 8

 Kind:
 Untested

 Water Found Depth:
 3.1

 Water Found Depth UOM:
 m

13 1 of 1 E/149.4 127.4/-3.42 lot 30 con 2 ON WWIS

Well ID: 7332216 Data Entry Status:

Construction Date:

Primary Water Use:

Data Src:

Date Received:

Solveted Flag:

Yes

 Sec. Water Use:
 Selected Flag:
 Yes

 Final Well Status:
 Abandoned-Other
 Abandonment Rec:
 Yes

 Water Type:
 Contractor:
 7147

Water Type: Contractor: 7147
Casing Material: Form Version: 9
Audit No: 575NMJJC Owner:

 Tag:
 _NO_TAG
 Street Name:

 Construction Method:
 County:
 HALTON

 Elevation (m):
 Municipality:
 OAKVILLE TOWN

 Elevation Reliability:
 Site Info:

 Depth to Bedrock:
 Lot:
 030

 Well Depth:
 Concession:
 02

Overburden/Bedrock:

Pump Rate: Static Water Level: Flowing (Y/N):

Flow Rate: Clear/Cloudy:

PDF URL (Map):

Concession Name: DS S Easting NAD83:

Northing NAD83:

Zone:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 1007376895

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 4/26/2019

Remarks: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 1007377321

Layer:

Color: General Color:

Mat1:

Most Common Material:

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 0
Formation End Depth:

Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007377627

Layer: 1

Plug From: Plug To:

Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007377693

Layer: 1
Plug From: 0
Plug To: 4.6
Plug Depth UOM: m

Elevation: Elevrc:

 Zone:
 17

 East83:
 601307

 North83:
 4807863

 Org CS:
 UTM83

UTMRC: 4

UTMRC Desc: margin of error : 30 m - 100 m

Location Method: wwr

Pipe Information

Pipe ID: 1007377064

Casing No: Comment:

Alt Name:

Construction Record - Casing

Casing ID: 1007377456

Layer: 1
Material: 5
Open Hole or Material: P

Open Hole or Material:PLASTICDepth From:0Depth To:1.5Casing Diameter:5Casing Diameter UOM:cm

Construction Record - Screen

Casing Depth UOM:

Screen ID: 1007377516

m

Layer: 1

Slot:

 Screen Top Depth:
 1.5

 Screen End Depth:
 4.6

 Screen Material:
 5

 Screen Depth UOM:
 m

 Screen Diameter UOM:
 cm

 Screen Diameter:
 6.3

Results of Well Yield Testing

Pump Test ID: 1007377065

Pump Set At: Static Level:

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: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN:

Flowing:

Water Details

Water ID: 1007377278

 Layer:
 1

 Kind Code:
 8

 Kind:
 Untested

 Water Found Depth:
 3.1

 Water Found Depth UOM:
 m

14 1 of 1 E/150.1 126.8 / -4.07

OAKVILLE ON WWIS

Well ID: 7195256

Construction Date:

Primary Water Use: Test Hole

Sec. Water Use:

Final Well Status:

Water Type:

Casing Material:

Audit No: A142619 Tag:

Elevation (m): Elevation Reliability: Depth to Bedrock:

Well Depth: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:

PDF URL (Map):

Test Hole

Z164470

Construction Method: Overburden/Bedrock:

Clear/Cloudy:

1004234722

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 12/18/2012

Remarks: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment:

Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 1004759029

Layer: 3 Color: 2 General Color: **GREY** Mat1: 06 SILT Most Common Material: Mat2: 28 SAND Mat2 Desc:

Mat3: LOOSE Mat3 Desc: Formation Top Depth: 14 Formation End Depth: 15 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1004759028

Layer:

Data Entry Status:

Data Src:

1/15/2013 Date Received: Selected Flag: Yes

Abandonment Rec:

7241 Contractor: Form Version:

Owner:

Street Name: 1401 BRONTE RD. GOLF

HALTON

County: Municipality: **OAKVILLE TOWN** Site Info: WKQ-005604 A0-A05

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:

Zone:

UTM Reliability:

127.432258 Elevation:

Elevrc:

Zone: 17 East83: 601306 North83: 4807903 Org CS: UTM83 UTMRC:

UTMRC Desc: margin of error: 30 m - 100 m

Order No: 20200716103

Location Method:

6 Color: General Color: **BROWN** Mat1: 06 Most Common Material: SILT Mat2: 28 SAND Mat2 Desc: Mat3: 77 Mat3 Desc: LOOSE Formation Top Depth: Formation End Depth: 14 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1004759027

Layer:

Color: 6 **BROWN** General Color: **GRAVEL** Most Common Material: Mat2: 28 SAND Mat2 Desc: 77 Mat3: Mat3 Desc: LOOSE Formation Top Depth: 0 Formation End Depth: Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004759038

 Layer:
 3

 Plug From:
 4

 Plug To:
 15

 Plug Depth UOM:
 ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004759037

 Layer:
 2

 Plug From:
 0.5

 Plug To:
 4

 Plug Depth UOM:
 ft

Annular Space/Abandonment

Sealing Record

Plug ID: 1004759036

 Layer:
 1

 Plug From:
 0

 Plug To:
 0.5

 Plug Depth UOM:
 ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 1004759035

Method Construction Code: D

Method Construction: Direct Push

Other Method Construction:

Pipe Information

Pipe ID: 1004759026

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 1004759032

Layer: Material: 5

Open Hole or Material: **PLASTIC**

Depth From: 0 5 Depth To: 1.5 Casing Diameter: Casing Diameter UOM: inch Casing Depth UOM:

Construction Record - Screen

1004759033 Screen ID:

Layer: 10 Slot: Screen Top Depth: 5 Screen End Depth: 15 Screen Material: 5 Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 1.75

Water Details

1004759031 Water ID:

Layer: Kind Code: Kind:

Water Found Depth:

Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004759030 3.25 Diameter: 0 Depth From: Depth To: 15 Hole Depth UOM: ft Hole Diameter UOM: inch

15 1 of 1 E/154.8 127.8 / -3.04 lot 30 con 2 **OAKVILLE ON**

Well ID: 7264361

Construction Date: Primary Water Use: Sec. Water Use:

Final Well Status: Abandoned-Other

Water Type: Casing Material: Date Received: 6/8/2016 Selected Flag: Yes Abandonment Rec: Yes Contractor: 7147

7 Form Version:

Data Entry Status:

Data Src:

WWIS

Audit No: Z228020

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:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1006038540 **DP2BR:**

Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:

Date Completed: 5/19/2016

Remarks: Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Annular Space/Abandonment

Sealing Record

Plug ID: 1006091313

 Layer:
 2

 Plug From:
 2.2

 Plug To:
 2.7

 Plug Depth UOM:
 m

Annular Space/Abandonment

Sealing Record

Plug ID: 1006091314

 Layer:
 3

 Plug From:
 2.7

 Plug To:
 3.5

 Plug Depth UOM:
 m

Annular Space/Abandonment

Sealing Record

Plug ID: 1006091312

 Layer:
 1

 Plug From:
 0

 Plug To:
 2.2

 Plug Depth UOM:
 m

Annular Space/Abandonment

Owner:

Street Name: 1265 BRONTE ROAD

County: HALTON
Municipality: OAKVILLE TOWN

Site Info:

 Lot:
 030

 Concession:
 02

 Concession Name:
 DS S

Easting NAD83: Northing NAD83: Zone:

UTM Reliability:

Elevation: 128.042846

Elevrc:
Zone: 17
East83: 601307
North83: 4807834
Org CS: UTM83
UTMRC: 4

UTMRC Desc: margin of error : 30 m - 100 m

Order No: 20200716103

Location Method: wv

Sealing Record

Plug ID: 1006091315

 Layer:
 4

 Plug From:
 3.5

 Plug To:
 3.9

 Plug Depth UOM:
 m

Method of Construction & Well

Use

Method Construction ID: Method Construction Code: 1006091311

Method Construction Code: Method Construction: Other Method Construction:

Pipe Information

Pipe ID: 1006091304

Casing No:

Comment: Alt Name:

Construction Record - Casing

Casing ID: 1006091308

Layer: 1

Material:

Open Hole or Material: CONCRETE

 Depth From:
 0

 Depth To:
 2.7

 Casing Diameter:
 90

 Casing Diameter UOM:
 cm

 Casing Depth UOM:
 m

Construction Record - Casing

Casing ID: 1006091309

 Layer:
 2

 Material:
 1

 Open Hole or Material:
 STEEL

 Depth From:
 2.7

 Depth To:
 3.9

 Casing Diameter:
 90

 Casing Diameter UOM:
 cm

 Casing Depth UOM:
 m

Construction Record - Screen

Screen ID: 1006091310

Layer: Slot:

Screen Top Depth: Screen End Depth: Screen Material:

Screen Depth UOM: m Screen Diameter UOM: cm

Screen Diameter:

Water Details

Water ID: 1006091307

 Layer:
 1

 Kind Code:
 8

 Kind:
 Untested

 Water Found Depth:
 3.7

 Water Found Depth UOM:
 m

Hole Diameter

Hole ID: 1006091306

Diameter: Depth From: Depth To: Hole Depth U

Hole Diameter UOM:

Depth 10: Hole Depth UOM: m

16 1 of 1 E/177.7 129.7 / -1.12 lot 31 con 2 WWIS

Well ID: 2802398 Data Entry Status:

cm

Construction Date: Data Src:

Primary Water Use:DomesticDate Received:7/8/1952Sec. Water Use:0Selected Flag:Yes

Final Well Status: Water Supply

Abandonment Rec:

Water Type: Contractor: 1642

Water Type: Contractor: 1642
Casing Material: Form Version: 1
Audit No: Owner:

Tag: Street Name:

Construction Method: County: HALTON

Elevation (m):Municipality:OAKVILLE TOWNElevation Reliability:Site Info:

 Depth to Bedrock:
 Lot:
 031

 Well Depth:
 Concession:
 02

 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\2802398.pdf

Order No: 20200716103

Bore Hole Information

Bore Hole ID: 10148948 **Elevation:** 129.703094

DP2BR: Elevrc:

 Spatial Status:
 Zone:
 17

 Code OB:
 0
 East83:
 601286.6

 Code OB Desc:
 Overburden
 North83:
 4807754

Code OB Desc:OverburdenNorth83:4807Open Hole:Org CS:

Cluster Kind: UTMRC:

 Date Completed:
 5/25/1952
 UTMRC Desc:
 unknown UTM

 Parameter:
 100

Remarks: Location Method: p9
Elevrc Desc:

Location Source Date:
Improvement Location Source:
Improvement Location Method:

Overburden and Bedrock

Source Revision Comment: Supplier Comment:

Materials Interval

Formation ID: 931428437

Layer:

Color: General Color:

Mat1: 05
Most Common Material: CLAY

Mat2: Mat2 Desc: Mat3: Mat3 Desc:

Formation Top Depth: 0
Formation End Depth: 41
Formation End Depth UOM: ft

Method of Construction & Well

<u>Use</u>

Method Construction ID: 962802398

Method Construction Code:1Method Construction:Cable Tool

Other Method Construction:

Pipe Information

 Pipe ID:
 10697518

 Casing No:
 1

Comment: Alt Name:

Construction Record - Casing

Casing ID: 930253461

Layer: 1
Material: 1

Open Hole or Material: STEEL Depth From:

Depth To: 41
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802398

Pump Set At: Static Level: 30 Final Level After Pumping:

Recommended Pump Depth:
Pumping Rate: 8

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

Order No: 20200716103

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

933604468

Layer: Kind Code: 1 Kind: **FRESH** Water Found Depth: 41 Water Found Depth UOM: ft

Water ID:

ENE/217.0 1 of 1 125.9 / -4.95 The Regional Municipality of Halton 17 **ECA**

Lots 28, 29 & 30, Concession 2

Oakville ON L6M 3L1

5510-4FJMNW MOE District: Halton-Peel Approval No:

Approval Date: 2000-01-17 City:

Approved -79.74810000000001 Status: Longitude:

Record Type: ECA Latitude: 43.4179

Link Source: **IDS** Geometry X: Halton SWP Area Name: Geometry Y:

ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Address: Lots 28, 29 & 30, Concession 2 Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6826-4EU29Y-14.pdf

18 1 of 1 ENE/220.9 124.9 / -5.90 lot 30 con 2 **WWIS** Oakville ON

Well ID: 7316764 Data Entry Status:

Construction Date: Data Src:

Primary Water Use: 8/15/2018 Date Received: Sec. Water Use: Selected Flag: Yes Final Well Status: Abandoned-Other Abandonment Rec: Yes

Water Type: Contractor: 7523 Casing Material: Form Version: Z288826 Audit No: Owner:

Tag: Street Name:

1265 BRONTE RD & UPPER MIDDLE **Construction Method: HALTON** County:

Elevation (m): Municipality: **OAKVILLE TOWN**

Elevation Reliability: Site Info:

Depth to Bedrock: Lot: 030

Well Depth: Concession: 02 Overburden/Bedrock: DS S Concession Name: Pump Rate: Easting NAD83:

Static Water Level: Northing NAD83:

Flowing (Y/N): Zone:

UTM Reliability: Flow Rate: Clear/Cloudy:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/731\7316764.pdf PDF URL (Map):

Bore Hole Information

Bore Hole ID: Elevation: 1007271229 DP2BR: Elevrc:

Spatial Status: Zone: 17 Code OB: East83: 601368 4807946 Code OB Desc: North83: Open Hole: Org CS: UTM83 Cluster Kind: **UTMRC:**

Date Completed: 6/25/2018 **UTMRC Desc:** margin of error: 30 m - 100 m

Order No: 20200716103

Remarks: Location Method:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: **Source Revision Comment:** Supplier Comment:

Annular Space/Abandonment

Sealing Record

Plug ID: 1007426004

2 Layer: Plug From: 2 6.1 Plug To: Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 1007426003

Layer: 0 Plug From: 2 Plug To: Plug Depth UOM: m

Method of Construction & Well

<u>Use</u>

Method Construction ID: 1007426002 **Method Construction Code:**

Method Construction: Other Method Construction:

Pipe Information

Pipe ID: 1007425996

Casing No:

Comment: Alt Name:

Construction Record - Casing

1007426000 Casing ID:

Layer: Material:

5 Open Hole or Material: **PLASTIC** Depth From: Depth To: 6.1

Casing Diameter: 5.08 Casing Diameter UOM: cm Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007426001

Layer: Slot:

Screen Top Depth: Screen End Depth: Screen Material:

Screen Depth UOM: m Screen Diameter UOM: cm

Order No: 20200716103

Screen Diameter:

Water Details

Water ID: 1007425999

Layer: Kind Code: Kind:

Water Found Depth:
Water Found Depth UOM:

Hole Diameter

Hole ID: 1007425998

Diameter: Depth From: Depth To:

Hole Depth UOM: m
Hole Diameter UOM: cm

19 1 of 1 E/231.9 126.0 / -4.83 1179 Bronte Rd
Oakville ON L6M4G4

Order No: 20161122148

Status: C

Report Type: Custom Report Report Date: 29-NOV-16 Date Received: 22-NOV-16

Previous Site Name: Lot/Building Size: Additional Info Ordered: Nearest Intersection:
Municipality: Oakville
Client Prov/State: ON
Search Radius (km): .25

X: -79.747666 **Y**: 43.416452

20 1 of 1 E/242.5 126.8 / -4.05 WWIS

Well ID: 7287937

Construction Date:

Primary Water Use: Test Hole Sec. Water Use: Monitoring

Final Well Status: Monitoring and Test Hole

Water Type: Casing Material:

Audit No: Z254689

Tag: A187682
Construction Method:
Elevation (m):

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: 6/7/2017 Selected Flag: Yes

Abandonment Rec:

Contractor: 7247
Form Version: 7

Owner: Street Name: 1179 BRONTE RD

County: HALTON
Municipality: OAKVILLE TOWN

Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:

Site Info:

UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/728\7287937.pdf

Bore Hole Information

Bore Hole ID: 1006523839 **Elevation:** 127.30278

Elevrc:

East83:

North83:

Org CS:

UTMRC:

UTMRC Desc:

Location Method:

17 601385

4807791

UTM83

margin of error: 30 m - 100 m

Order No: 20200716103

Zone:

DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:

Cluster Kind: Date Completed: 9/28/2016

Remarks:

Elevrc Desc:

Location Source Date:

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock

Materials Interval

Formation ID: 1006752035

Layer: Color:

General Color:

05 Mat1: CLAY Most Common Material: Mat2: 34 TILL Mat2 Desc:

Mat3: Mat3 Desc:

Formation Top Depth: 12 Formation End Depth: 21 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

1006752033 Formation ID:

Layer: 1

Color:

General Color:

Mat1: 28 Most Common Material: SAND Mat2: 34 Mat2 Desc: TILL

Mat3: Mat3 Desc:

0 Formation Top Depth: Formation End Depth: 4 Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 1006752036

Layer: 4

Color:

General Color:

28 Mat1: Most Common Material: SAND 09 Mat2:

Mat2 Desc: MEDIUM SAND

Mat3:

Mat3 Desc: COARSE SAND

Formation Top Depth:

Formation End Depth: 22.5 Formation End Depth UOM:

Overburden and Bedrock

Materials Interval

Formation ID: 1006752034

2 Layer:

Color: General Color:

06 Mat1: Most Common Material: SILT Mat2: 34 TILL Mat2 Desc:

Mat3: Mat3 Desc:

Formation Top Depth: 4 12 Formation End Depth: Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

1006752044 Plug ID:

Layer: Plug From: 0 Plug To: 10 Plug Depth UOM: ft

Method of Construction & Well

<u>Use</u>

1006752043 **Method Construction ID:**

Method Construction Code:

Method Construction: Rotary (Convent.)

Other Method Construction:

Pipe Information

Pipe ID: 1006752032

Casing No:

Comment: Alt Name:

Construction Record - Casing

1006752039 Casing ID:

Layer: Material: 5

Open Hole or Material: **PLASTIC** Depth From: 0 Depth To:

12.5 Casing Diameter: 2 Casing Diameter UOM: inch Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006752040

Layer: 1 10 Slot:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) 12.5 Screen Top Depth: Screen End Depth: 22.5 Screen Material: 5 Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 2.125

Water Details

Water ID: 1006752038

Layer: 1 Kind Code: 8 Kind: Untested Water Found Depth: 21 Water Found Depth UOM:

Hole Diameter

Hole ID: 1006752037

Diameter: Depth From: 0 Depth To: 22.5 Hole Depth UOM: ft Hole Diameter UOM: inch

> 21 1 of 36 E/249.5 127.1 / -3.73 Bronte & Easement; 1179 Bronte Rd; Conc.2, lot 30

Oakville ON L6M 4G3

CA

Order No: 20200716103

Certificate #: 4273-4H3LWH

00 Application Year: Issue Date: 3/9/00

Municipal & Private sewage Approval Type:

Approved Status:

Application Type: Amended CofA

Corporation of the Regional Municipality of Halton Client Name:

Client Address: 1151 Bronte Road

Client City: Oakville Client Postal Code: L6M 3L1

Project Description: Sanitary sewers to be constructed in Town of Oakville and Milton. Approximately 1,400 metres of 2400mm

diameter concrete sewer. Supply and installation of manhole structure.

Contaminants: **Emission Control:**

> 2 of 36 E/249.5 127.1 / -3.73 1179 Bronte Road 21 CA Oakville ON L6M 4G3

Certificate #: 3073-4YGJWW

Application Year: 01 Issue Date: 7/11/01 Industrial air Approval Type: Approved Status:

Application Type: New Certificate of Approval Client Name: The Regional Municipality of Halton

1151 Bronte Road Client Address:

Client City: Oakville Client Postal Code: L6M 3L1

Project Description: The Regional Municipality of Halton is proposing to install a 230 KW diesel generator at the South Operations

Centre to provide standby power to selected equipment and lighting fixtures in the event of a power failure.

Contaminants: **Emission Control:**

Map Key	Numbe Record		Elev/Diff n) (m)	Site	DB
<u>21</u>	3 of 36	E/249.5	127.1 / -3.73	1179 Bronte Rd Oakville ON L6M 4G3	EHS
Order No: Status: Report Type Report Date Date Receiv Previous Si Lot/Building Additional I	e: ved: te Name:	19991228003 C Complete Report 1/4/00 12/28/99		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: -79.746048 Y: 43.413931	
21	4 of 36	E/249.5	127.1 / -3.73	REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE ROAD OAKVILLE ON L6M 4G3	GEN
Generator N Status: Approval Yo Contam. Fa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON6186317 02,03,04,05,06,07,08		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u> Waste Clas		251			
Waste Class Waste Class Waste Class	s:	OIL SKIMMINGS 150 INERT INORGAI			
Waste Class Waste Class		312 PATHOLOGICAI	L WASTES		
<u>21</u>	5 of 36	E/249.5	127.1 / -3.73	REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE RD OAKVILLE ON L6M 4G3	GEN
Generator N Status: Approval Ye Contam. Fa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON7833003 02,03,04		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
21	6 of 36	E/249.5	127.1 / -3.73	REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE ROAD OAKVILLE ON L6M 4G3	GEN
Generator N Status: Approval Yo Contam. Fa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON9107011 02,03,04		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	

Order No: 20200716103

Map Key Number of Direction/ Elev/Diff Site DΒ Records Distance (m) (m) 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON 21 7 of 36 E/249.5 **GEN** 1179 BRONTE RD **OAKVILLE ON L6M 4G3** Generator No: ON9971005 PO Box No: Status: Country: Approval Years: 02,03,04,05,06,07,08 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: SIC Description: Detail(s) Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS Waste Class: 213 PETROLEUM DISTILLATES Waste Class Desc: Waste Class: OIL SKIMMINGS & SLUDGES Waste Class Desc: Waste Class: Waste Class Desc: WASTE OILS & LUBRICANTS The Regional Municipality of Halton 21 8 of 36 E/249.5 127.1 / -3.73 SPL 1179 Bronte Road Halton Hills ON Discharger Report: Ref No: 0302-6JG5AH 0 Site No: Material Group: Oil Incident Dt: 11/24/2005 Health/Env Conseq: Client Type: Year: Incident Cause: Other Discharges Sector Type: Other Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: **GASOLINE** Site Address: Contaminant Limit 1: Site District Office: Halton-Peel Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Site Municipality: **Environment Impact:** Halton Hills Not Anticipated Nature of Impact: Soil Contamination Site Lot: Receiving Medium: Land Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: **MOE** Reported Dt: 11/24/2005 Site Map Datum: Land Spills **Dt Document Closed:** SAC Action Class: Other - Reason not otherwise defined Incident Reason: Source Type: Site Name: Halton Region Works Yard<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Halton Region Works: 10-15L gasoline to ground Contaminant Qty: 20 L

21 9 of 36 E/249.5 127.1 / -3.73 The Regional Municipality of Halton
1179 Bronte Road
Oakville ON

Order No: 20200716103

 Certificate #:
 6931-6CWS9F

 Application Year:
 2005

 Issue Date:
 6/3/2005

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

Approval Type:

Municipal and Private Sewage Works

Status:

Application Type: Client Name: Client Address: Client City:

Approved

Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

> 10 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON **21**

1179 BRONTE ROAD

GEN

GEN

Order No: 20200716103

OAKVILLE ON

Choice of Contact:

Phone No Admin:

PO Box No:

Country:

Co Admin:

Generator No: ON6186317

Status: Approval Years: Contam. Facility:

2009

MHSW Facility:

SIC Code: 621911

Ambulance (except Air Ambulance) Services SIC Description:

Detail(s)

Waste Class:

INERT INORGANIC WASTES Waste Class Desc:

Waste Class: 251

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

Waste Class: 312

PATHOLOGICAL WASTES Waste Class Desc:

ON9971005

21 11 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON

1179 BRONTE RD

Choice of Contact: Co Admin:

Phone No Admin:

PO Box No:

Country:

OAKVILLE ON

Status:

Approval Years:

2009

Contam. Facility:

Generator No:

MHSW Facility:

811111 SIC Code:

SIC Description: General Automotive Repair

Detail(s)

Waste Class:

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

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class:

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class:

PETROLEUM DISTILLATES Waste Class Desc:

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) REGIONAL MUNICIPALITY OF HALTON 21 12 of 36 E/249.5 127.1 / -3.73 **GEN** 1179 BRONTE RD **OAKVILLE ON** Generator No: ON9971005 PO Box No: Status: Country: Approval Years: 2010 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 811111 SIC Description: General Automotive Repair Detail(s) Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES Waste Class: WASTE OILS & LUBRICANTS Waste Class Desc: Waste Class: ALIPHATIC SOLVENTS Waste Class Desc: Waste Class: **OIL SKIMMINGS & SLUDGES** Waste Class Desc: 21 13 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON **GEN** 1179 BRONTE ROAD **OAKVILLE ON** ON6186317 Generator No: PO Box No: Status: Country: Approval Years: 2010 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 621911 SIC Description: Ambulance (except Air Ambulance) Services Detail(s) Waste Class: **INERT INORGANIC WASTES** Waste Class Desc: Waste Class: Waste Class Desc: PATHOLOGICAL WASTES Waste Class: 251 **OIL SKIMMINGS & SLUDGES** Waste Class Desc: 21 14 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON **GEN** 1179 BRONTE ROAD **OAKVILLE ON** Generator No: ON6186317 PO Box No: Status:

Order No: 20200716103

Country: Approval Years: 2011 Choice of Contact: Co Admin: Contam. Facility: MHSW Facility: Phone No Admin:

SIC Code: Ambulance (except Air Ambulance) Services SIC Description:

621911

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

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 150

Waste Class Desc: INERT INORGANIC WASTES

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

21 15 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON

1179 BRONTE RD OAKVILLE ON

Choice of Contact:

Phone No Admin:

PO Box No: Country:

Co Admin:

GEN

FST

FST

Order No: 20200716103

Generator No: ON9971005

Status:

Approval Years: 2011

Contam. Facility: MHSW Facility:

SIC Code: 811111

SIC Description: General Automotive Repair

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 212

Waste Class Desc: ALIPHATIC SOLVENTS

21 16 of 36 E/249.5 127.1 / -3.73 THE REGIONAL MUNICIPALITY OF HALTON

1179 BRONTE RD

OAKVILLE ON L6J 4Z3

Instance No: Cont Name:

Instance Type: FS Liquid Fuel Tank

Fuel Type:DieselStatus:ActiveCapacity:10000Tank Material:SteelCorrosion Protection:Painted

Tank Type: Single Wall Horizontal AST

Install Year: 2002

Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve

11666079

Facility Type: FS Liquid Fuel Tank

21 17 of 36 E/249.5 127.1 / -3.73 THE REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE RD

OAKVILLE ON L6J 4Z3

Instance No: 11666070

Cont Name:

Instance Type: FS Liquid Fuel Tank

Fuel Type: Gasoline Status: Active

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) 15000 Capacity: Tank Material: Steel **Corrosion Protection:** Painted Single Wall Horizontal AST Tank Type: Install Year: 2002 Fuels Safety Private Fuel Outlet - Self Serve Parent Facility Type: Facility Type: FS Liquid Fuel Tank **21** 18 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON **GEN** 1179 BRONTE RD **OAKVILLE ON L6M 4G3** Generator No: ON9971005 PO Box No: Status: Country: Approval Years: Choice of Contact: 2012 Contam. Facility: Co Admin: Phone No Admin: MHSW Facility: 811111 SIC Code: SIC Description: General Automotive Repair Detail(s) Waste Class: 212 ALIPHATIC SOLVENTS Waste Class Desc: Waste Class: Waste Class Desc: PETROLEUM DISTILLATES Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS Waste Class: 251 Waste Class Desc: **OIL SKIMMINGS & SLUDGES** 21 19 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON **GEN** 1179 BRONTE ROAD **OAKVILLE ON L6M 4G3** ON6186317 Generator No: PO Box No: Status: Country: Approval Years: 2012 Choice of Contact: Co Admin: Contam. Facility: MHSW Facility: Phone No Admin: 621911 SIC Code: SIC Description: Ambulance (except Air Ambulance) Services Detail(s) Waste Class: Waste Class Desc: **OIL SKIMMINGS & SLUDGES** Waste Class: 312 Waste Class Desc: PATHOLOGICAL WASTES

20 of 36

E/249.5 127.1 / -3.73

INERT INORGANIC WASTES

REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE RD

OAKVILLE ON

GEN

Order No: 20200716103

Waste Class: Waste Class Desc:

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

ON9971005 Generator No:

Status:

Approval Years: Contam. Facility: 2013

PO Box No: Country:

Choice of Contact: Co Admin: Phone No Admin:

MHSW Facility:

811111 SIC Code:

SIC Description: GENERAL AUTOMOTIVE REPAIR

Detail(s)

Waste Class: 221

LIGHT FUELS Waste Class Desc:

Waste Class: 252

WASTE OILS & LUBRICANTS Waste Class Desc:

Waste Class:

ALIPHATIC SOLVENTS Waste Class Desc:

Waste Class:

PETROLEUM DISTILLATES Waste Class Desc:

Waste Class:

Waste Class Desc: OIL SKIMMINGS & SLUDGES

21 21 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON

1179 BRONTE ROAD **OAKVILLE ON**

Generator No: ON6186317

Status:

Approval Years: 2013

Contam. Facility: MHSW Facility:

SIC Code: 621911

SIC Description:

Detail(s)

Waste Class:

Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 251

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

Waste Class:

Waste Class Desc: **INERT INORGANIC WASTES**

21 22 of 36 E/249.5 127.1 / -3.73 The Regional Municipality of Halton **ECA** 1179 Bronte Road Oakville ON L6M 3L1

3073-4YGJWW Approval No:

Approval Date: 2001-07-11 Status: Approved **ECA** Record Type:

Link Source: IDS SWP Area Name: Halton

ECA-AIR Approval Type: Project Type: AIR

1179 Bronte Road Address:

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3048-4WYLJK-14.pdf

GEN

Country: Choice of Contact: Co Admin: Phone No Admin:

PO Box No:

MOE District: Halton-Peel

City:

Longitude: -79.74750999999999 Latitude: 43.415028

Geometry X:

Geometry Y:

Order No: 20200716103

21 23 of 36 E/249.5 127.1 / -3.73 The Regional Municipality of Halton ECA

Oakville ON L6M 3L1

 Approval No:
 9621-6DRSL7
 MOE District:
 Halton-Peel

 Approval Date:
 2005-06-28
 City:

 Status:
 Approved
 Longitude:
 -79.74810000000001

 Record Type:
 ECA
 Latitude:
 43.4179

Record Type:ECALatitude:Link Source:IDSGeometry X:SWP Area Name:HaltonGeometry Y:

Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems

Address: 1179 Bronte Rd Full Address:

Full PDF Link:

21 24 of 36 E/249.5 127.1 / -3.73 The Regional Municipality of Halton ECA

Oakville ON L6M 3L1

Approval No: 4273-4H3LWH MOE District: Halton-Peel

 Approval Date:
 2000-03-09
 City:

 Status:
 Approved
 Longitude:
 -79.74810000000001

 Record Type:
 ECA
 Latitude:
 43.4179

Record Type: ECA Latitude:
Link Source: IDS Geometry X:

SWP Area Name: Halton Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

Approval Type:ECA-MUNICIPAL AND PRIVATE SEWAGE WORKSProject Type:MUNICIPAL AND PRIVATE SEWAGE WORKS

Address: 1179 Bronte Rd Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4362-4G3PST-14.pdf

21 25 of 36 E/249.5 127.1 / -3.73 The Regional Municipality of Halton 1179 Bronte Rd

Oakville ON L6M 3L1

 Approval No:
 6931-6CWS9F
 MOE District:
 Halton-Peel

 Approval Date:
 2005-06-03
 City:

 Status:
 Approved
 Longitude:
 -79.74810000000001

Record Type: ECA Latitude: 43.4179
Link Source: IDS Geometry X:

SWP Area Name:HaltonGeometry Y:Approval Type:ECA-MUNICIPAL AND PRIVATE SEWAGE WORKSProject Type:MUNICIPAL AND PRIVATE SEWAGE WORKS

Address: 1179 Bronte Rd

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8195-6CRN66-14.pdf

21 26 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON
GEN

Order No: 20200716103

1179 BRONTE RD OAKVILLE ON L6M 4G3

Generator No: ON9971005 PO Box No:

Status:Country:CanadaApproval Years:2016Choice of Contact:CO_ADMINContam. Facility:NoCo Admin:kevin McDonald

 MHSW Facility:
 No
 Phone No Admin:
 905-825-6000 Ext.7709

 SIC Code:
 811111

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

GENERAL AUTOMOTIVE REPAIR SIC Description:

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class:

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251

OIL SKIMMINGS & SLUDGES Waste Class Desc:

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

Waste Class: 221

LIGHT FUELS Waste Class Desc:

E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON 21 27 of 36 **GEN** 1179 BRONTE ROAD **OAKVILLE ON L6M 4G3**

PO Box No:

Choice of Contact:

Phone No Admin:

Canada

Canada

CO_ADMIN

kevin McDonald

905-825-6000 Ext.7709

Order No: 20200716103

CO_OFFICIAL

LINDA SINKER

905-825-6000 Ext.7035

Country:

Co Admin:

ON6186317 Generator No:

Status:

Approval Years: 2016 Contam. Facility: No MHSW Facility: No 621911 SIC Code:

SIC Description: 621911

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class:

Waste Class Desc: **INERT INORGANIC WASTES**

Waste Class:

Waste Class Desc: LIGHT FUELS

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

Waste Class:

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

21 28 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON **GEN** 1179 BRONTE RD **OAKVILLE ON L6M 4G3**

PO Box No:

Choice of Contact:

Phone No Admin:

Country:

Co Admin:

Generator No: ON9971005

Status: Approval Years: 2015 No Contam. Facility: MHSW Facility: No SIC Code: 811111

GENERAL AUTOMOTIVE REPAIR

SIC Description:

Detail(s)

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

127.1 / -3.73

127.1 / -3.73

Waste Class: 221

Waste Class Desc: LIGHT FUELS

Waste Class: 212

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class:

PETROLEUM DISTILLATES Waste Class Desc:

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class:

29 of 36

Waste Class Desc: OIL SKIMMINGS & SLUDGES

E/249.5

Generator No: ON6186317

Status:

21

Approval Years: 2015 Contam. Facility: No

MHSW Facility: No SIC Code: 621911

621911 SIC Description:

Detail(s)

Waste Class: 150

Waste Class Desc: **INERT INORGANIC WASTES**

Waste Class: 251

OIL SKIMMINGS & SLUDGES Waste Class Desc:

Waste Class:

Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 221

LIGHT FUELS Waste Class Desc:

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

E/249.5

30 of 36

Generator No: Status:

21

ON9971005

811111

Approval Years: 2014 Contam. Facility: No MHSW Facility: Nο

GENERAL AUTOMOTIVE REPAIR SIC Description:

Detail(s)

SIC Code:

Waste Class:

LIGHT FUELS Waste Class Desc:

Waste Class:

OIL SKIMMINGS & SLUDGES Waste Class Desc:

REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE ROAD

GEN

GEN

Order No: 20200716103

PO Box No:

OAKVILLE ON L6M 4G3

Country: Canada Choice of Contact: CO_OFFICIAL LINDA SINKER Co Admin: Phone No Admin: 905-825-6000 Ext.7035

REGIONAL MUNICIPALITY OF HALTON 1179 BRONTE RD **OAKVILLE ON L6M 4G3**

PO Box No:

Country: Canada Choice of Contact: CO ADMIN Co Admin: kevin McDonald Phone No Admin: 905-825-6000 Ext.7709 Map Key Number of Direction/ Elev/Diff Site DB
Records Distance (m) (m)

Waste Class: 212

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

21 31 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON GEN

PO Box No: Country:

Co Admin:

Choice of Contact:

Phone No Admin:

Canada

CO_ADMIN LINDA SINKER

905-825-6000 Ext.7035

Order No: 20200716103

OAKVILLE ON L6M 4G3

Generator No: ON6186317 Status:

Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621911

SIC Description: 621911

Detail(s)

Waste Class: 221

Waste Class Desc: LIGHT FUELS

Waste Class: 150

Waste Class Desc: INERT INORGANIC WASTES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

21 32 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON Fleet

Co Admin:

Phone No Admin:

1179 BRONTE RD OAKVILLE ON L6M 4G3

Generator No:ON9971005PO Box No:Status:RegisteredCountry:CanadaApproval Years:As of Dec 2018Choice of Contact:

Approval Years: As of Dec 2018
Contam. Facility:

MHSW Facility: SIC Code: SIC Description:

Detail(s)

Waste Class: 212 L

Waste Class Desc: Aliphatic solvents and residues

Waste Class: 213 I

Waste Class Desc: Petroleum distillates

Waste Class: 213 L

Waste Class Desc: Petroleum distillates

Number of Direction/ Elev/Diff Site DΒ Map Key Records Distance (m) (m) 221 I Waste Class: Waste Class Desc: Light fuels Waste Class: 251 L Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

33 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON HEALTH 21 **GEN DEPARTMENT & EMERGENCY MEDICAL**

> Co Admin: Phone No Admin:

SERVICES

Order No: 20200716103

1179 BRONTE ROAD **OAKVILLE ON L6M 4G3**

Generator No: ON6186317 PO Box No:

Status: Registered Country: Canada Choice of Contact:

As of Dec 2018 Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:

Detail(s)

Waste Class: 150 L

Waste Class Desc: Inert organic wastes

Waste Class: Waste Class Desc: Light fuels

Waste Class: 221 L Light fuels Waste Class Desc:

Waste Class: 251 L

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 312 P

Waste Class Desc: Pathological wastes

21 34 of 36 E/249.5 127.1 / -3.73 The Regional Municipality of Halton **ECA** 1179 Bronte Rd

Oakville ON L6M 3L1

Approval No: 8650-AR4MTK **MOE District:** Halton-Peel Approval Date: 2017-11-08

City:

Longitude: Approved -79.74750999999999 Status: Record Type: **ECA** Latitude: 43.415028

IDS Link Source: Geometry X:

SWP Area Name: Halton Geometry Y:

Approval Type: ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS Project Type:

Address: 1179 Bronte Rd

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6474-ANPRB6-14.pdf

Full Address:

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

21 35 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON HEALTH

DEPARTMENT & EMERGENCY MEDICAL SERVICES

GEN

Order No: 20200716103

1179 BRONTE ROAD

OAKVILLE ON L6M 4G3

Generator No: ON6186317 PO Box No:

Status: Registered
Approval Years: As of Apr 2020
Contam. Facility:

MHSW Facility: SIC Code: SIC Description: PO Box No:
Country: Canada
Chaica of Contact:

Choice of Contact: Co Admin: Phone No Admin:

Detail(s)

Waste Class: 150 L

Waste Class Desc: Inert organic wastes

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 261 A

Waste Class Desc: Pharmaceuticals

Waste Class: 312 P

Waste Class Desc: Pathological wastes

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 251 L

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 221 L
Waste Class Desc: Light fuels

21 36 of 36 E/249.5 127.1 / -3.73 REGIONAL MUNICIPALITY OF HALTON Fleet

1179 BRONTE RD OAKVILLE ON L6M 4G3

Generator No: ON9971005 PO Box No:

Status: Registered Country: Canada

Approval Years:As of Apr 2020Choice of Contact:Contam. Facility:Co Admin:MHSW Facility:Phone No Admin:SIC Code:

Detail(s)

SIC Description:

Waste Class: 212 L

Waste Class Desc: Aliphatic solvents and residues

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 251 L

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 213 I

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

Waste Class Desc: Petroleum distillates

Waste Class: 251 T

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 213 L

Waste Class Desc: Petroleum distillates

Waste Class: 221 I
Waste Class Desc: Light fuels

Unplottable Summary

Total: 10 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Regional Municipality of Halton	Bronte Rd Road allowance, from the North Service Road to Upper Middle Road	Oakville ON	
CA	R.M. OF HALTON, MARINE DRIVE	BRONTE ROAD	OAKVILLE TOWN ON	
ECA	The Regional Municipality of Halton	Bronte Rd Road allowance, from the North Service Road to Upper Middle Road	Oakville ON	L6M 3L1
EHS		Bronte Rd	Oakville ON	
EHS		Bronte Rd	Oakville ON	
INC		Lot 30, Concession 2, SDS, Town of Oakville, Region of Halton, Region of Halton	ON	
RSC	BRONTE GREEN CORPORATION	No Municipal Address	Oakville ON	
SPL	Oakville Harbour Marina Office	Bronte Rd Bronte Creek	Oakville ON	
SPL	Suncor Energy Inc.	Bronte Road, TNPI Spill Site	Oakville ON	
wwis		lot 30 con 2	ON	

Order No: 20200716103

Unplottable Report

Site: The Regional Municipality of Halton

Bronte Rd Road allowance, from the North Service Road to Upper Middle Road Oakville ON

Database:

 Certificate #:
 9185-875P4X

 Application Year:
 2010

 Issue Date:
 7/22/2010

Approval Type: Municipal and Private Sewage Works

Approved

Status:

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

Emission Control:

Site: R.M. OF HALTON, MARINE DRIVE

BRONTE ROAD OAKVILLE TOWN ON

Database: CA

 Certificate #:
 7-0659-88

 Application Year:
 88

Issue Date:6/17/1988Approval Type:Municipal waterStatus:Approved

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

Emission Control:

Site: The Regional Municipality of Halton

Bronte Rd Road allowance, from the North Service Road to Upper Middle Road Oakville ON L6M 3L1

Database: ECA

Order No: 20200716103

Approval No: 9185-875P4X **MOE District:** Approval Date: 2010-07-22 City: Status: Approved Longitude: Latitude: Record Type: **ECA** IDS Geometry X: Link Source: SWP Area Name: Geometry Y:

Approval Type:ECA-MUNICIPAL AND PRIVATE SEWAGE WORKSProject Type:MUNICIPAL AND PRIVATE SEWAGE WORKS

Address: Bronte Rd Road allowance, from the North Service Road to Upper Middle Road

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0177-84XJMY-14.pdf

Site:

Bronte Rd Oakville ON

Database:
EHS

Order No: 20100326007 Nearest Intersection:

Status:CMunicipality:Report Type:Custom ReportClient Prov/State:ON

Report Date: 3/26/2010 Search Radius (km): 3/26/2010 Date Received: X:

Previous Site Name: Lot/Building Size: Additional Info Ordered:

Site: Database: Bronte Rd Oakville ON **EHS**

0.25

-79.730155

Order No: 20200716103

Order No: 20120515039 Nearest Intersection:

С Municipality: Status:

Report Type: Custom Report Client Prov/State: ON 5/16/2012 Report Date: Search Radius (km): 0.25 Date Received: 5/15/2012 X: -79.735297 Y: Previous Site Name:

Lot/Building Size: Additional Info Ordered:

Site: Database: Lot 30, Concession 2, SDS, Town of Oakville, Region of Halton, Region of Halton ON INC

Incident No: 518860 2675242 Incident ID: Attribute Category: FS-Near Miss

Open L1 Near-Miss Inspection Status Code:

Lot 30, Concession 2, SDS, Town of Oakville, Region of Halton, Region of Halton - Near Miss Incident Location:

Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water: Approx. Quant. Rel.: Equipment Model: Serial No:

Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type:

Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure:

Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: **Equipment Type:** Cylinder Capacity: Cylinder Capac. Units:

Cylinder Material Type: Tank Capacity:

Fuels Occurence Type: Fuel Type Involved: Date of Occurence: Time of Occurence: Occur Insp Start Date: Any Health Impact:

Any Environmental Impact: Was Service Interrupted: Was Property Damaged:

Operation Type Involved: Enforcement Policy: Prc Escalation Required:

Task No: Notes:

Occurence Narrative: Approx 5th Unauthorized crossing of Enbridge Pipelines. Contractor failed to implement correct SOP while working

Cert Date:

Cert Prop Use No:

Intended Prop Use:

Qual Person Name:

Entire Leg Prop. (Y/N):

Accuracy Estimate:

Stratified (Y/N):

Audit (Y/N):

Telephone:

Fax:

Email:

on or near NEB Regulated Pipeline.

Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:

Site: BRONTE GREEN CORPORATION

No Municipal Address Oakville ON

RSC

ELENI GIRMA BEYENE

Residential

Database:

Order No: 20200716103

RSC ID: 226445 **RA No:**

RSC Type: Phase 1 and 2 RSC

Curr Property Use: Commercial

Ministry District: Halton-Peel District Office

Filing Date: 2020/02/27

Date Ack:
Date Returned:
Restoration Type:

Soil Type: Criteria: CPU Issued Sect

CPU Issued S 1686:

Asmt Roll No: Prop ID No (PIN): Property Municipal Address:

Mailing Address: Latitude & Latitude: UTM Coordinates: Consultant: Legal Desc:

Measurement Method:

Applicable Standards:

RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

2401020280068100000

No Municipal Address

25069-0162 (LT)

attachmentId=123055&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents

Document Name:Current and Past Use Table.pdfDocument Type:Table of Current and Past Property Use

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123049&fileName=Current+and+Past+Use+Table.pdf

Document Heading: Document Name:Supporting Documents
Parcel Register.pdf

Document Type: Copy of any deed(s), transfer(s) or other document(s)

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123050&fileName=Parcel+Register.pdf

Document Heading:Supporting DocumentsDocument Name:Certificate of Status.pdfDocument Type:Certificate of Status

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123052&fileName=Certificate+of+Status.pdf

Document Heading:Supporting Documents
Document Name:
Lawyer letter.pdf

Document Type: Lawyer's letter consisting of a legal description of the property

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123051&fileName=Lawyer+letter.pdf

Document Heading: Supporting Documents **Document Name:** APEC Table.pdf

Document Type: Area(s) of Potential Environmental Concern

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123053&fileName=APEC+Table.pdf

Document Heading:Supporting DocumentsDocument Name:Survey Plan.pdfDocument Type:A Current plan of Survey

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123045&fileName=Survey+Plan.pdf

Document Heading:Supporting DocumentsDocument Name:Phase Two CSM.pdf

Document Type: Phase 2 Conceptual Site Model

Document Link: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?

attachmentId=123048&fileName=Phase+Two+CSM.pdf

Site: Oakville Harbour Marina Office Database:
Bronte Rd Bronte Creek Oakville ON SPL

Ref No: 3206-892JCN Discharger Report:
Site No: Material Group:
Incident Dt: Health/Env Conseq:
Year: Client Type:

Incident Cause:

Incident Event:

Contaminant Code:

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Contaminant Code:

Code:

Code:

Code:

Code:

Code:

Code:

Code:

Co

Contaminant Name: GASOLINE Site Address:
Contaminant Limit 1: Site District Office:
Contam Limit Freq 1: Site Postal Code:
Contaminant UN No 1: Site Region:
Environment Impact: Not Anticipated Site Municipality:

Environment Impact: Not Anticipated Site Municipality:
Nature of Impact: Site Lot:

 Receiving Medium:
 Site Conc:

 Receiving Env:
 Northing:
 NA

 MOE Response:
 No Field Response
 Easting:
 NA

Dt MOE Arvl on Scn:Site Geo Ref Accu:MOE Reported Dt:9/6/2010Site Map Datum:

Dt Document Closed: SAC Action Class: Great Lakes and their Interconnecting

Channels Spills

Order No: 20200716103

Incident Reason: Source Type:

Site Name: Bronte Harbour

Site County/District: Site Geo Ref Meth:

Incident Summary: Pleasure Craft-3 L Gasoline to Bronte Harbour, FD.

Contaminant Qty: 3 L

Site: Suncor Energy Inc.

Bronte Road, TNPI Spill Site Oakville ON

Database: SPL

SPL

Ref No: 7523-83FVQP Discharger Report:

Site No:

Material Group:
Incident Dt:

Health/Env Conseq:

Year: Client Type: Incident Cause: Unknown Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: Confirmed Site Municipality:
Nature of Impact: Surface Water Pollution Site Lot:

Receiving Medium: Surface water Foliution Site Con:

Site Con:

Nature of Impact:

Site Con:

Receiving Env: Northing: NA

MOE Response: Priority Field Response Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu: 3/12/2010 3/11/2010 MOE Reported Dt: Site Map Datum:

Pollution Incident Reports (PIRs) and ¿Other¿ **Dt Document Closed:** SAC Action Class:

Source Type:

NA

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Order No: 20200716103

Incident Reason: Site Name:

Site County/District: Site Geo Ref Meth:

Bronte Creek

Suncor: Frmr Petro Canada Site - Unkn Sub to Bronte Cr. Incident Summary:

Contaminant Qty:

Site: Database: lot 30 con 2 ON

Well ID: 2809379 Data Entry Status:

Construction Date: Data Src:

Primary Water Use: Date Received: 5/30/2001 Sec. Water Use: Selected Flag: Yes

Final Well Status: Abandoned-Other Abandonment Rec:

Water Type: Contractor: 4005 Casing Material: Form Version: 1

Audit No: 227003 Owner: Street Name: Tag:

Construction Method: County: **HALTON OAKVILLE TOWN** Elevation (m): Municipality: Elevation Reliability: Site Info:

Depth to Bedrock: 030 Lot: Well Depth: Concession: 02 DS N

Overburden/Bedrock: Concession Name: Pump Rate: Easting NAD83: Static Water Level: Northing NAD83: Flowing (Y/N): Zone:

UTM Reliability: Flow Rate: Clear/Cloudy:

Bore Hole Information 10155633 Bore Hole ID: Elevation:

DP2BR: Elevrc: Spatial Status: Zone:

Code OB: East83:

Code OB Desc: No formation data North83: Open Hole: Org CS: Cluster Kind: **UTMRC:**

Date Completed: 10/5/2000 UTMRC Desc: unknown UTM

Remarks: Location Method: Elevrc Desc:

Source Revision Comment: Supplier Comment:

Method of Construction & Well <u>Use</u>

Location Source Date: Improvement Location Source: Improvement Location Method:

Method Construction ID: 962809379 **Method Construction Code:**

Method Construction: Not Known

Other Method Construction:

Pipe ID: 10704203

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Pipe Information

Casing No: Comment: Alt Name:

1

Order No: 20200716103

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

Order No: 20200716103

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

Provincial Certificates of Approval:

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*

Federal **Dry Cleaning Facilities: 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

Provincial Commercial Fuel Oil Tanks: **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

Order No: 20200716103

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

Government Publication Date: Apr 1987 and Nov 1988*

Provincial **Compliance and Convictions: 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

<u>Drill Hole Database:</u> 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-Apr 30, 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

Order No: 20200716103

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

FXP

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

For Formical FST 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

Order No: 20200716103

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

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

Provincial TSSA Historic Incidents: 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:

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

Order No: 20200716103

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

Order No: 20200716103

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

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

Government Publication Date: 1974-2003*

National PCB Inventory: 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

Federal

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 2019

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

<u>Canadian Pulp and Paper:</u> 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

Order No: 20200716103

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

Provincial PINC 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

Order No: 20200716103

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

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

Private Anderson's Storage Tanks: **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

Order No: 20200716103

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

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

<u>Detail Report</u>: 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.

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

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

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

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

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

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

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

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

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

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

Order No: 20200716103



Appendix C



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

Requester Data			For Ministry Use Only			
Name, Title, Company Name and Mailing Address of Requester			FOI Request No.		Date Request Received	
John Gaviria-Ballen, B. Eng., EIT						
DS Consultants Ltd.	Fee Paid	<u> </u>				
6221 Highway 7, Unit 16						
Vaughan, ON, L4H 0K8			□ ACCT X CHQ	П	VISA-MC □ CASH	
Email Address: john.gaviriaballen	@dsconsultants.ca				_ = = = = = = = = = = = = = = = = = = =	
Telephone/Fax Nos.	Your Project/Reference No.	Signature of Requester	□ CNR □ ER □ N	IOR	□ SWR □ WCR	
Tel: 613-618-8815	20-186-100	John A Garria	□ SAC □ IEB □ E	AA	□ EMR □ SWA	
		Request Parame	eters			
Municipal Address / Lot, Concession, Geo	ographic Township (Municipa	l address essential for cities,	towns or regions)			
1300 Bronte Road, Oakville	e, Ontario					
Present Property Owner(s) and Date(s) o	f Ownership					
Joyce Enns (November 14	, 1984 – Present)					
Previous Property Owner(s) and Date(s)	of Ownership					
Andrey Danychuck (Novem	Andrey Danychuck (November 28, 1980 – November 14, 1984)					
Present/Previous Tenant(s),(if applicable						
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.					Specify Year(s) Requested	
Environmental concerns (General correspondence, occurrence reports, abatement)					All Years	
Orders					All Years	
Spills					All Years	
Investigations/prosecutions Owner AND tenant information must be provided					All Years	
Waste Generator number/classes					All Years	
Certificates of Approval ➤ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc. SD Specify Year(s) Requested						
air - emissions					1986- present	
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)					1986- present	
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present		
waste water - industrial discharge				1986- present		
Waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites					1986- present	
hazardous waste					1986- present	
pesticides - licenses 1986- present						
A \$5.00 non-refundable applicat	A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any					

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



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Email Address: john.gaviriaballen	@dsconsultants.ca				_ = = = = = = = = = = = = = = = = = = =	
Telephone/Fax Nos.	Your Project/Reference No.	Signature of Requester	□ CNR □ ER □ N	IOR	□ SWR □ WCR	
Tel: 613-618-8815	20-186-100	John A Garria	□ SAC □ IEB □ E	AA	□ EMR □ SWA	
		Request Parame	eters			
Municipal Address / Lot, Concession, Geo	ographic Township (Municipa	l address essential for cities,	towns or regions)			
1316 Bronte Road, Oakville	e, Ontario					
Present Property Owner(s) and Date(s) o	f Ownership					
1316 Bronte Rd: Victor Pet	er Enns (January 1	0, 2000 - Present)				
Previous Property Owner(s) and Date(s)	of Ownership					
1316 Bronte Rd: Piet Van Dyken (March 6, 1998 – January 10, 2000)						
Present/Previous Tenant(s),(if applicable)						
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.					Specify Year(s) Requested	
Environmental concerns (General correspondence, occurrence reports, abatement)					All Years	
Orders					All Years	
Spills					All Years	
Investigations/prosecutions Owner AND tenant information must be provided					All Years	
Waste Generator number/classes					All Years	
Certificates of Approval ➤ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc. SD Specify Year(s) Requested						
air - emissions					1986- present	
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986- present		
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present		
waste water - industrial discharge				1986- present		
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986- present		
Waste systems - PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste					1986- present	
pesticides - licenses 1986- present						
A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any						

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Vaughan, ON, L4H 0K8			□ ACCT X CHQ	П	VISA-MC □ CASH	
Email Address: john.gaviriaballen	@dsconsultants.ca				_ = = = = = = = = = = = = = = = = = = =	
Telephone/Fax Nos.	Your Project/Reference No.	Signature of Requester	□ CNR □ ER □ N	IOR	□ SWR □ WCR	
Tel: 613-618-8815	20-186-100	John A Garria	□ SAC □ IEB □ E	AA	□ EMR □ SWA	
		Request Parame	eters			
Municipal Address / Lot, Concession, Geo	ographic Township (Municipa	l address essential for cities,	towns or regions)			
1326 Bronte Road, Oakville	e, Ontario					
Present Property Owner(s) and Date(s) o	f Ownership					
1442839 Ontario Limited (0	October 12, 2000 –	Present)				
Previous Property Owner(s) and Date(s)	of Ownership					
Bruce lofquist & Carolyn Lo	Bruce lofquist & Carolyn Lofquist (September 22, 1978 – October 12, 2000)					
Present/Previous Tenant(s),(if applicable)						
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.					Specify Year(s) Requested	
Environmental concerns (General correspondence, occurrence reports, abatement)					All Years	
Orders					All Years	
Spills					All Years	
Investigations/prosecutions Owner AND tenant information must be provided					All Years	
Waste Generator number/classes					All Years	
Certificates of Approval ➤ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc. SD Specify Year(s) Requested						
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Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986- present		
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present		
waste water - industrial discharge				1986- present		
Waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites			-	1986- present		
hazardous waste					1986- present	
pesticides - licenses 1986- present						
A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any						

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



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

Requester Data			For Ministry Use Only		
Name, Title, Company Name and Mailing Address of Requester			FOI Request No.		Date Request Received
John Gaviria-Ballen, B. Eng., EIT					
DS Consultants Ltd.	Fee Paid				
6221 Highway 7, Unit 16					
Vaughan, ON, L4H 0K8			□ ACCT X CHQ	П	VISA-MC □ CASH
Email Address: john.gaviriaballen	@dsconsultants.ca		A STIG		VIOA ME
Telephone/Fax Nos.	Your Project/Reference No.	Signature of Requester	□ CNR □ ER □ N	IOR	□ SWR □ WCR
Tel: 613-618-8815	20-186-100	John A Garria	□ SAC □ IEB □ E	AA	□ EMR □ SWA
		Request Parame	eters		
Municipal Address / Lot, Concession, Ge	ographic Township (Municip a	I address essential for cities,	towns or regions)		
1342 Bronte Road, Oakville	e, Ontario				
Present Property Owner(s) and Date(s) o	f Ownership				
Victor Peter Enns (March 2	24, 2005 – Present)				
Previous Property Owner(s) and Date(s)	of Ownership				
Diana Lorinda Lopatto (May 27, 1998 – March 24, 2005)					
Present/Previous Tenant(s),(if applicable)				
Search Parameters Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.					Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)					All Years
Orders					All Years
Spills					All Years
Investigations/prosecutions > Owner AND tenant information must be provided					All Years
Waste Generator number/classes					All Years
Certificates of Approval ➤ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc. SD Specify Year(s) Requested					
air - emissions					1986- present
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)			-	1986- present	
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present	
waste water - industrial discharge				1986- present	
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986- present	
waste systems - PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste					1986- present
pesticides - licenses 1986- present					
A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any					

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



Name, Title, Company Name and Mailing Address of Requester

Kirstin Olsen M.Sc. DS Consultants Ltd.

Requester Data

Freedom of Information Request

Date Request Received

For Ministry Use Only

FOI Request No.

Fee Paid

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

6221 Highway 7, Unit 16						
Vaughan, ON, L4H 0K8			□ ACCT □ CHC) X	VISA-MC □ CASH	
Email Address: Kirstin.olsen@dsconsultants.ca			1,1001	. ,		
Telephone/Fax Nos.	Your Project/Reference No.	Signature of Requester	□ CNR □ ER □	NOR	□ SWR □ WCR	
Tel: 4379272794	20-186-101		□ SAC □ IEB □	EAA	□ EMR □ SWA	
Musicinal Address (Let Conservation Co		Request Parame				
Municipal Address / Lot, Concession, Ge	ograpnic rownship (municipa	ii auuress essentiai for cities, i	lowns or regions)			
1350 Bronte Road, Oakville						
Present Property Owner(s) and Date(s) o	·					
Carmine Esposito, Donata		auro, Carmine Di Mai	uro – All owners from	1965 to	o Present.	
Previous Property Owner(s) and Date(s)						
Present/Previous Tenant(s),(if applicable)					
Search Parameters				Specify Year(s)		
Files older than 2 years may requ					Requested	
There is no guarantee that records responsive to your request will be located. Environmental concerns (General correspondence, occurrence reports, abatement)					All Years	
Orders					All Years	
Spills					All Years	
Investigations/prosecutions	ons ▶ Owner AN	D tenant informatio	n must be provided	t	All Years	
Waste Generator number	er/classes				All Years	
Certificates of Approval ➤ Proponent information must be provided 1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc. SD Specify Year(s) Requested						
air - emissions					1986- present	-
Water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)					1986- present	
Sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations					1986- present	
waste water - industrial discharge					1986- present	
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites					1986- present	
waste systems - PCB destruction hazardous waste					1986- present	
pesticides - licenses					1986- present	
A \$5.00 non-refundable applicat	ion fee payable to the	Minister of Finance is	mandatory The cost of	flocating	on-site and/or preparing a	nv

0026 (03/00) Page 1 of 1

record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Kirstin Olsen

From: Public Information Services <publicinformationservices@tssa.org>

Sent: August 19, 2020 10:09 AM

To: John.gaviriaballen

Subject: RE: TSSA Records Review (20-186-100)

Hello,

Thank you for your request for confirmation of public information.

I have searched the below noted addresses and I have located the following record:

Inst Number	Context	Address	City	Province	Postal Code	Inststatusname	Segment1
10334229	FS Facility	1401 BRONTE RD	OAKVILLE	ON	L6J 4Z3	Active	FS PRIVAT

For a further search in our archives, or for copies of documents, please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx? mid =392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thanks,



Sherees Thompson | Public Information Agent

Facilities 345 Carlingview Drive Toronto, Ontario M9W 6N9

Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org

www.tssa.org







From: John.gaviriaballen < John.gaviriaballen@dsconsultants.ca>

Sent: August 18, 2020 7:43 PM

To: Public Information Services <publicinformationservices@tssa.org>

Subject: TSSA Records Review (20-186-100)

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

I need the following addresses to be checked for any tank records:

1265, 1401 Bronte Road, Oakville, ON

Thanks,



John Gaviria-Ballen, B. Eng., EIT **Environmental Technician**

DS Consultants Ltd

6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8

Tel: (905) 264-9393 Cell: (613) 618-8815 www.dsconsultants.ca







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Kirstin Olsen

From: Public Information Services <publicinformationservices@tssa.org>

Sent: August 19, 2020 10:08 AM

To: John.gaviriaballen

Subject: RE: TSSA Records Review (20-186-100)

Hello,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thanks,



Sherees Thompson | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org







From: John.gaviriaballen < John.gaviriaballen@dsconsultants.ca>

Sent: August 18, 2020 6:26 PM

To: Public Information Services <publicinformationservices@tssa.org>

Subject: TSSA Records Review (20-186-100)

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Hello,

I need the following addresses to be checked for any tank records:

1342 Bronte Road, Oakville, ON

Thanks,



John Gaviria-Ballen, B. Eng., EIT **Environmental Technician**

DS Consultants Ltd

6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8

Tel: (905) 264-9393 Cell: (613) 618-8815 www.dsconsultants.ca







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Kirstin Olsen

From: Public Information Services <publicinformationservices@tssa.org>

Sent: August 12, 2020 10:04 AM

To: John.gaviriaballen

Subject: RE: TSSA Records Review (20-186-100)

Hello,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank You,



Sherees Thompson | Public Information Agent

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Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org







From: John.gaviriaballen < John.gaviriaballen@dsconsultants.ca>

Sent: August 11, 2020 1:53 PM

To: Public Information Services < publicinformationservices@tssa.org>

Subject: TSSA Records Review (20-186-100)

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Hello,

I need the following addresses to be checked for any tank records:

1242, 1300, 1316, 1326, 142, 1350, 1354, 1372, 1470 Bronte Road, Oakville, ON



John Gaviria-Ballen, B. Eng., EIT **Environmental Technician**

DS Consultants Ltd

6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8 Tel: (905) 264-9393

Cell: (613) 618-8815 www.dsconsultants.ca

Follow us here!

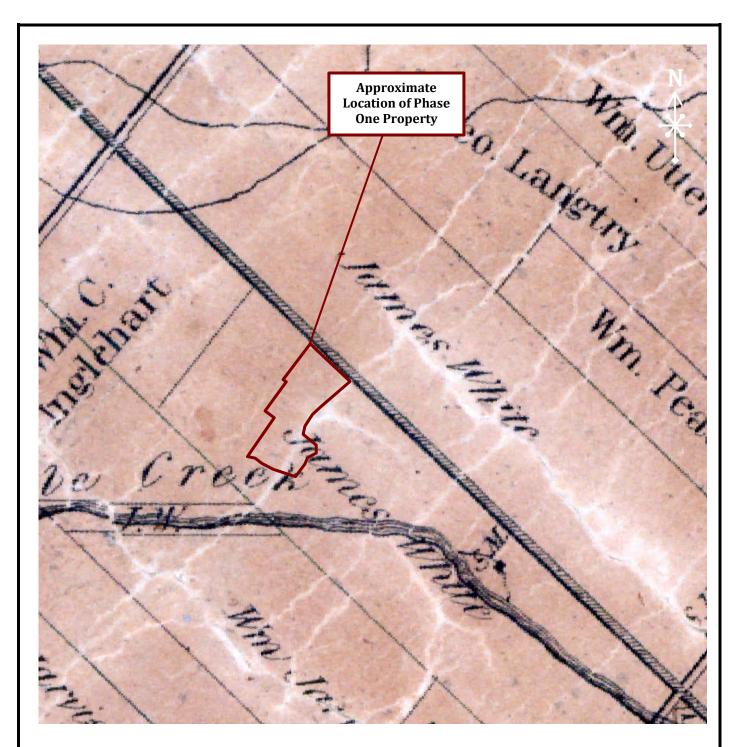




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Appendix D



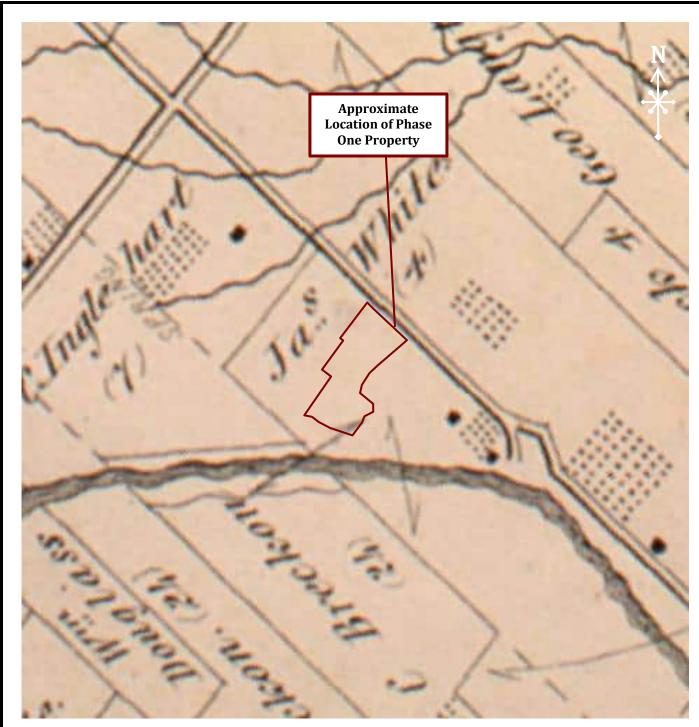
©County Atlas Project



6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

HALTON COUNTY ATLAS: 1858

Scale: NTS	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	Prepared By: AG
Date: Feb-23	1326 and 1350 Bronte Road & Part of 1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By: KO
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-1



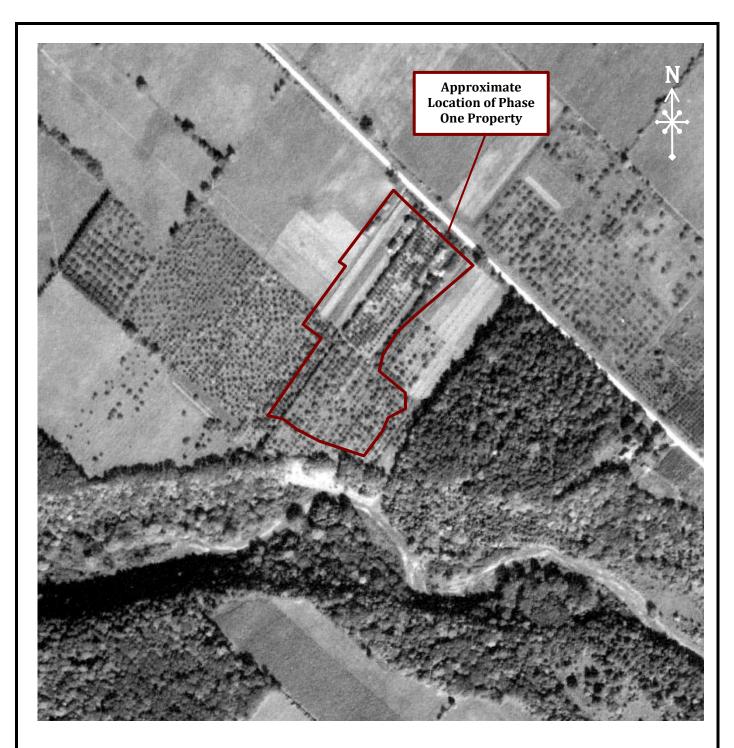
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HALTON COUNTY ATLAS: 1877

Scale: NTS	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	Prepared By: AG
Date: Feb-23	1326 and 1350 Bronte Road & Part of 1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By KO
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-2



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6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1934

PHASE ONE ENVIRONMENTAL SITE Prepared By: Scale: **ASSESSMENT** ~1:5000 AG1326 and 1350 Bronte Road & Part of 1300, 1316 and 1342 Bronte Reviewed By: Date: Feb-23 КО Road, Oakville, ON Drawing No. Project: Prepared For: Argo Development 20-186-100 D-3



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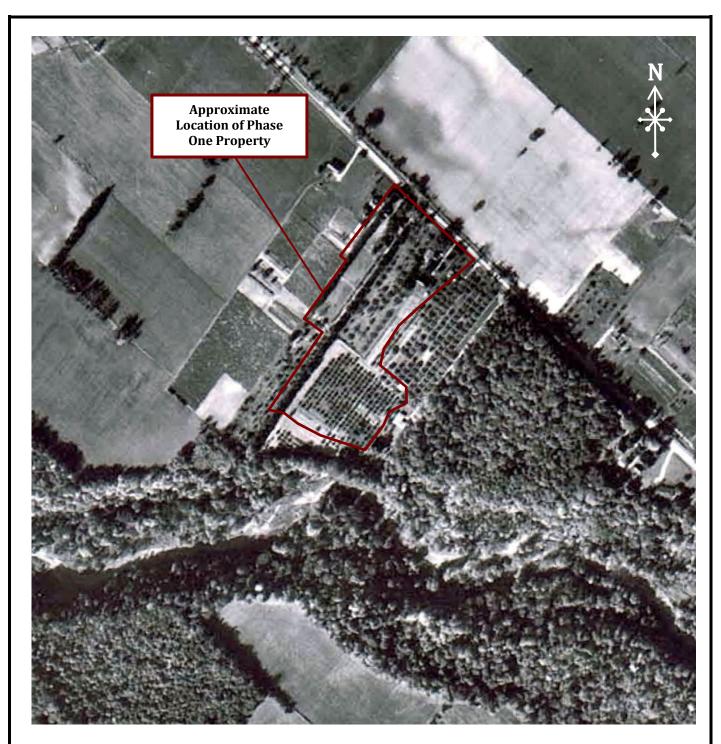
AERIAL PHOTOGRAPH: 1954

AG

КО

D-4

PHASE ONE ENVIRONMENTAL SITE Prepared By: Scale: **ASSESSMENT** ~1:12000 1326 and 1350 Bronte Road & Part Reviewed By: Date: of 1300, 1316 and 1342 Bronte Feb-23 Road, Oakville, ON Drawing No. Project: Prepared For: Argo Development 20-186-100



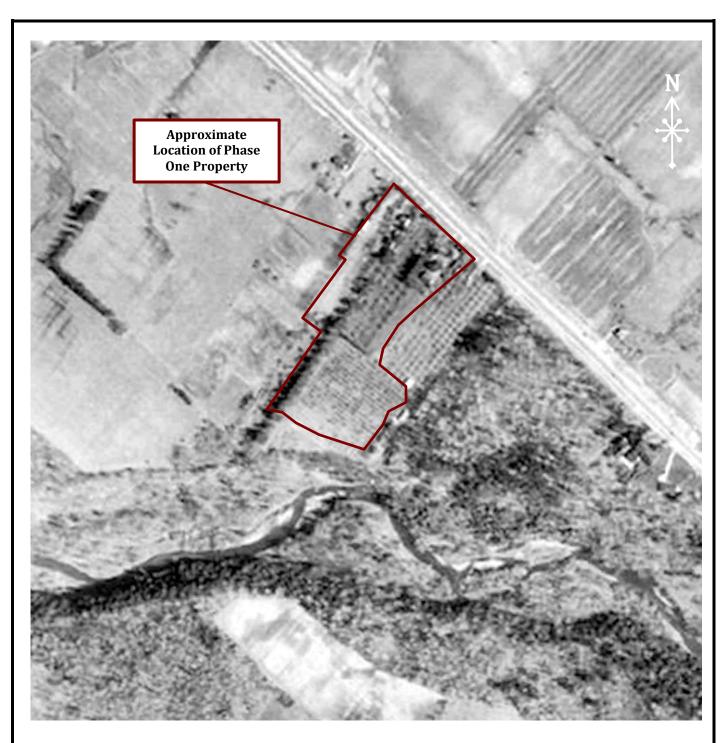
© National Archives



6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1965

PHASE ONE ENVIRONMENTAL SITE Scale: Prepared By: **ASSESSMENT** ~1:5000 $\mathsf{A}\mathsf{G}$ 1326 and 1350 Bronte Road & Part of 1300, 1316 and 1342 Bronte Road, Reviewed By: Date: КО Feb-23 Oakville, ON Drawing No. Project: Prepared For: Argo Development 20-186-100 D-5



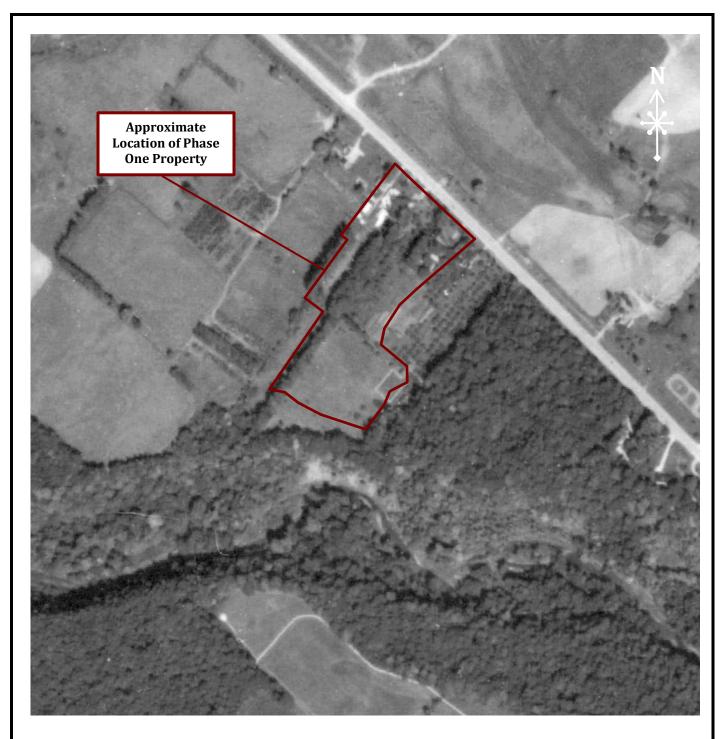
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6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1974

Scale: ~1:5000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1326 and 1350 Bronte Road & Part of	Prepared By: AG
Date: Feb-23	1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By: KO
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-6



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6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1985

Scale: ~1:5000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1326 and 1350 Bronte Road & Part of	Prepared By: AG
Date: Feb-23	1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By: KO
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-7



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6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1995

Scale: ~1:5000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1326 and 1350 Bronte Road & Part of	Prepared By: AG
Date: Feb-23	1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By: KO
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-8





6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2005					
Scale: ~1:5000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1326 and 1350 Bronte Road & Part of	Prepared By: AG			
Date: Feb-23	1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By: KO			
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-9			



© Google Earth



6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2015

Scale: ~1:5000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	Prepared By:
1.5000	1326 and 1350 Bronte Road & Part of	110
Date:	1300, 1316 and 1342 Bronte Road,	Reviewed By:
Feb-23	Oakville, ON	КО
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-10





6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2018

9				
Scale: ~1:5000	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1326 and 1350 Bronte Road & Part of	Prepared By: AG		
Date: Feb-23	1300, 1316 and 1342 Bronte Road, Oakville, ON	Reviewed By: KO		
Project: 20-186-100	Prepared For: Argo Development	Drawing No. D-11		



Appendix E





Picture 1 :View of the entrance/exit driveway of 1300 Bronte Road, facing northwest (Feb 2, 2023).



Picture 3: View of the dwelling at 1300 Bronte Road, facing west (Feb 2, 2023).



Picture 5: View of the 1316 Bronte Road behind the builder Ads. facing southwest (Feb 2, 2023).



Picture 2: View of the driveway of Phase One Property (1300 Bronte Road), facing west (Feb 2, 2023).



Picture 4: View of parking garage on 1300 Bronte Road, facing west (Feb 2, 2023).



Picture 6: View of The entrance/exit driveway of 1326 Bronte Road, facing west (Feb 2, 2023).





Picture 7: View of the parking garage/dwelling on 1326 Bronte Road), facing west (Feb 2, 2023).



Picture 8: View of the dwelling on 1326 Bronte Road, facing north (Feb 2, 2023).



Picture 9: View of the portion of 1326 Bronte Road, facing northwest (Feb 2, 2023).



Picture 10: View of the far south portion of 1326 Bronte Road, facing southwest (Feb 2, 2023).



Picture 11: View of the lawn on the 1326 Bronte Road, facing northeast (Feb 2, 2023).



Picture 12: View of the dwelling on 1326 Bronte Road, facing southeast (Feb 2, 2023).





Picture 13: View of 1326 Bronte Road, facing west (Feb 2, 2023).



Picture 15: View of the dwellings on 1350 Bronte Road, facing west (Feb 2, 2023).



Picture 17: View of the intersection of Bronte Road and Saw Whet Blvd, facing south (Feb 2, 2023).



Picture 14: View of 1342 Bronte Road, facing west (Feb 2, 2023).



Picture 16: View of the driveway, parking garage, dwelling on 1350 Bronte Road, facing west (Feb 2, 2023).



Picture 18: View of the residential properties along Bronte Road, facing south (Feb 2, 2023).





Picture 19: View of the orchard at northeast of 1300 Bronte Road (off-Site), facing east (July 20, 2020).



Picture 21: View of residential dwelling at 1316 Bronte Road (July 20, 2020).



Picture 23: View of residential dwelling at 1342 Bronte Road (July 20, 2020).



Picture 20: View of residential dwelling at 1300 Bronte Road (July 20, 2020).



Picture 22: View of residential dwelling at 1326 Bronte Road (July 20, 2020).



Picture 24: View of the AST at the basement of 1300 Bronte Road (July 31, 2020).





Picture 25: View of the AST at the side of 1316 Bronte Road (July 20, 2020).



Picture 26: View of the diesel AST, located adjacent to Shed 2 at 1300 Bronte Road (off-site) (July 20, 2020).



basement of 1326 Bronte Road (July 20, 2020).



Picture 27: View of the vent pipes for the AST located at the Picture 28: View of the AST at the basement of 1342 Bronte Road (July 31, 2020).



Picture 29: View of the west portion of the Property, facing west (July 20, 2020).



Picture 30: View of Bronte Creek, located to the west of the Property, facing west (July 20, 2020).





Picture 31: View of one (1) transformer located east adjacent to pond 2 (off-site) (July 20, 2020).



Picture 32: View of the back of 1326 Bronte Road, facing west (July 20, 2020).



Picture 33: View of Pond 1, located at 1300 Bronte Road (July 20, 2020).



Picture 34: View of Pond 2 at 1300 Bronte Road, located immediately east of the Site (July 20, 2020).



Picture 35: View of the north adjacent property been under development, facing east (July 20, 2020).



Picture 36: View of the residential dwelling at 1350 Bronte Road, facing north (July 20, 2020).





Picture 37: View of the residential building on the 1350 Bronte Road (July 21, 2021).



Picture 39: View of the rear (southern side) of 1350 Bronte residential dwelling (July 21, 2021).



Picture 41: View of the interior of the greenhouse (July 21, 2021).



Picture 38: View of the propane powered furnace in the basement of 1350 Bronte residential dwelling (July 21, 2021).



Picture 40: View of the greenhouse and the garden on the 1350 Bronte Road (July 21, 2021).



Picture 42: View of the garage at 1350 Bronte Road (July 21, 2021).





Picture 43: View of the work shed at 1350 Bronte Road (July 21, 2021).



Picture 45: View of the interior of the storage/work shed at 1350 Bronte Road (July 21, 2021).



Picture 47: View of the west neighbouring residential property (July 21, 2021).



Picture 44: The pressurized water tank (used for irrigation of the garden) near the work shed at 1350 Bronte Road (July 21, 2021).



Picture 46: View of the covered well (no longer in use) at 1350 Bronte Road (July 21, 2021).



Picture 48: View of west neighbouring commercial property (Cats' Castle) (July 21, 2021).



Appendix F

"Table of current and past uses of the phase one property" (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

1300 Bronte Road, Oakville, Ontario PT LT 31, CON 2 TRAFALGAR SOUTH OF DUNDAS STREET, AS IN 609762; OAKVILLE

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1825	Crown	Assumed agricultural or other	Agricultural or other use	None
1825-1830	William Balis	Assumed agricultural or other	Agricultural or other use	None
1830-1847	Henry Balis	Assumed agricultural or other	Agricultural or other use	None
1847-1849	John White	Assumed agricultural or other	Agricultural or other use	None
1849-1877	John & James White	Assumed agricultural or other	Agricultural or other use	None
1877-1891	David Watson Campbell	Assumed agricultural or other	Agricultural or other use	None
1891-1898	The Canada Life Assurance Co.	Assumed agricultural or other	Agricultural or other use	None
1898	Paul Campbell	Assumed agricultural or other	Agricultural or other use	None
1898-1910	Herbert Inglehart	Assumed agricultural or other	Agricultural or other use	None
1910-1918	Herbert Inglehart & Walter L. Sheridan	Assumed agricultural or other	Agricultural or other use	None
1918-1948	Edwin Darlington	Assumed agricultural or other	Agricultural or other use	The 1934 Aerial Photograph indicated that an orchard was located across the majority of the property.

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1948-1954	Fred W. Peel	Assumed agricultural or other	Agricultural or other use	None
1954-1971	Gerald E. Beckett & Marion A. Beckett	Assumed agricultural or other	Agricultural or other use	None
1971-1972	Anna Thiessen	Assumed agricultural or other	Agricultural or other use	None
1972-1980	Joan Blake	Assumed agricultural or other	Agricultural or other use	None
1980-1984	Audrey A. Danychuk	Assumed agricultural or other	Agricultural or other use	None
1984- present	Joyce Enns	Residential	Residential	According to Aerial Photography and the Property Owner, 1300 Bronte was first developed for residential use in the early 1990s.

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

Agriculture or other use

Commercial use

Community use

Industrial use

Institutional use

Parkland use

Residential use

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

^{**}Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du règlement 671/92, qui en exempte l'application de la Loi sur les services en français. Pour obtenir de l'aide en francais, veuillez communiquer avec le ministère de l'Environnement et de l'Action en matière de changement climatique au 1-800-461-6290

"Table of current and past uses of the phase one property" (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

1316 Bronte Road, Oakville, Ontario PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, AS IN 159261; OAKVILLE/TRAFALGAR

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1825	Crown	Assumed agricultural or other	Agricultural or other use	None
1825-1830	William Balis	Assumed agricultural or other	Agricultural or other use	None
1830-1847	Henry Balis	Assumed agricultural or other	Agricultural or other use	None
1847-1849	John White	Assumed agricultural or other	Agricultural or other use	None
1849-1877	John & James White	Assumed agricultural or other	Agricultural or other use	None
1877-1891	David Watson Campbell	Assumed agricultural or other	Agricultural or other use	None
1891-1898	The Canada Life Assurance Co.	Assumed agricultural or other	Agricultural or other use	None
1898	Paul Campbell	Assumed agricultural or other	Agricultural or other use	None
1898-1910	Herbert Inglehart	Residential & Agricultural	Residential & Agricultural	None
1910-1918	Herbert Inglehart & Walter L. Sheridan	Residential & Agricultural	Residential & Agricultural	None
1918-1948	Edwin Darlington	Residential & Agricultural	Residential & Agricultural	None

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1948-1951	Fred W. Peel	Residential & Agricultural	Residential & Agricultural	None
1951-1955	John Orpin & Ethel Elizabeth Orpin	Residential & Agricultural	Residential & Agricultural	None
1955-1957	Leonard DeBoard & Josephine DeBoard	Residential & Agricultural	Residential & Agricultural	None
1957-1963	William Dedor & Dophie Dedor	Residential & Agricultural	Residential & Agricultural	None
1963-1998	Piet Van Dyken & Miep Van Dyken	Residential & Agricultural	Residential & Agricultural	None
1998-2000	Piet Van Dyken	Residential & Agricultural	Residential & Agricultural	None
2000 - Present	Victor Peter Enns	Residential	Residential	None

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

Agriculture or other use

Commercial use

Community use

Industrial use

Institutional use

Parkland use

Residential use

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

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"Table of current and past uses of the phase one property" (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

1326 Bronte Road, Oakville, Ontario PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, AS IN 488493; OAKVILLE/TRAFALGAR

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1825	Crown	Assumed agricultural or other	Agricultural or other use	None
1825-1830	William Balis	Assumed agricultural or other	Agricultural or other use	None
1830-1847	Henry Balis	Assumed agricultural or other	Agricultural or other use	None
1847-1849	John White	Assumed agricultural or other	Agricultural or other use	None
1849-1877	John & James White	Assumed agricultural or other	Agricultural or other use	None
1877-1891	David Watson Campbell	Assumed agricultural or other	Agricultural or other use	None
1891-1898	The Canada Life Assurance Co.	Assumed agricultural or other	Agricultural or other use	None
1898	Paul Campbell	Assumed agricultural or other	Agricultural or other use	None
1898-1910	Herbert Inglehart	Residential and Agricultural	Residential and Agricultural	None
1910-1918	Herbert Inglehart & Walter L. Sheridan	Residential and Agricultural	Residential and Agricultural	None
1918-1948	Edwin Darlington	Residential and Agricultural	Residential and Agricultural	None

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1948-1950	Fred W. Peel	Residential and Agricultural	Residential and Agricultural	None
1950-1955	Fanke S. Duncan & Annie M. Greene	Residential and Agricultural	Residential and Agricultural	None
1955-1956	Frederock J. McCallum & Alice E. McCallum	Residential and Agricultural	Residential and Agricultural	None
1956-1978	Isabelle G. Lofquist	Residential	Residential	None
1978-2000	Bruce Lofquist & Carolyn Lofquist	Residential	Residential	None
2000 - present	1442839 Ontation Limited	Residential	Residential	None

Notes:

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Agriculture or other use

Commercial use

Community use

Industrial use

Institutional use

Parkland use

Residential use

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"Table of current and past uses of the phase one property" (Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

1342 Bronte Road, Oakville, Ontario PT LT 31, CON 2 TRAFALGAR, SOUTH OF DUNDAS STREET, PART 2, 20R2730; OAKVILLE/TRAFALGAR

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1825	Crown	Assumed agricultural or other	Agricultural or other use	None
1825-1830	William Balis	Assumed agricultural or other	Agricultural or other use	None
1830-1847	Henry Balis	Assumed agricultural or other	Agricultural or other use	None
1847-1849	John White	Assumed agricultural or other	Agricultural or other use	None
1849-1877	John & James White	Assumed agricultural or other	Agricultural or other use	None
1877-1891	David Watson Campbell	Assumed agricultural or other	Agricultural or other use	None
1891-1898	The Canada Life Assurance Co.	Assumed agricultural or other	Agricultural or other use	None
1898	Paul Campbell	Assumed agricultural or other	Agricultural or other use	None
1898-1917	Herbert Inglehart	Residential	Residential	None
1917-1951	Russell Lawrence	Residential	Residential	None
1951-1978	Clifford Russell Lawrence	Residential	Residential	None

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1978-1980	William B. Sculthorpe & Lynda R. Hill	Residential	Residential	None
1980-1998	William B. Sculthorpe	Residential	Residential	None
1998-2005	Diana Lorinda Lopatto	Residential	Residential	None
2005- present	Victor Peter Enns	Residential	Residential	None

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

Agriculture or other use

Commercial use

Community use

Industrial use

Institutional use

Parkland use

Residential use

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