Phase One Environmental Site Assessment

1429 Dundas Street East

Oakville, Ontario

Prepared For:

Bressa Developments Ltd.

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DS Project No : 18-549-40

Date: 2019-08-02

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Executive Summary

DS Consultants Ltd. (DS) was retained by Bressa Developments Ltd. to complete a Phase One ESA of a portion of the Property referred to as the "Bressa Development", which has an approximate municipal address of 1429 Dundas Street East, Oakville, Ontario. This Phase One ESA was conducted on the eastern segment of the Bressa Development which is within 30 metres (west) of a Natural Heritage Feature associated with Joshua's Creek, and is herein referred to as the "Phase One Property" or "Property".

It is DS's understanding that this Phase One ESA has been requested for due diligence purposes in association with the proposed redevelopment of the Property. DS understands that this Phase One ESA may be used to support the filing of a Record of Site Condition (RSC) as part of the proposed redevelopment of the Phase One Property for residential purposes. It is further understood that the proposed development will consist of a residential subdivision.

It is the opinion of DS that the intended future property use (Residential) constitutes a more sensitive property use, as defined under O.Reg. 153/04 (as amended) than the historical use (Commercial – Golf Course). Given that the proposed change in property use is to a more sensitive property use, the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) will be required under O.Reg. 153/04 (as amended).

The Phase One ESA was completed to satisfy the intent of 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 is 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 5.77-hectare (14.26-acre) parcel of land situated within a mixed residential, and agricultural neighborhood in the Town of Oakville, Ontario. The Phase One Property is located approximately 360 m west of the intersection of Dundas Street East and Ninth Line and was vacant and undeveloped at the time of this investigation.

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

- The topography on the Phase One Property and within the Phase One Study Area is generally rolling with surficial elevations ranging between 160 and 170 (masl) and is sloped to the south towards Lake Ontario. Based on the local topography, the shallow groundwater flow

direction is inferred to be inferred to be southeasterly towards Joshua's Creek and Lake Ontario. 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 described as a till moraine across the northern portion of the Site, and the southern portion of the Site is described as a till plain. The surficial geology in the vicinity of the Phase One Property is described as "clay to silt-textured till", and the bedrock is described as "shale, limestone, dolostone and siltstone of the Queenston Formation". Based on a review of OGS Earth records, the depth to bedrock in the Phase One Study Area is anticipated to be variable, ranging from 3 to 15 mbgs.
- The Phase One Property was historically used for agricultural purposes from the 1800s to the late 1970s. The Phase One Property was subsequently used as a golf course from the 1980s to the mid-2010s. The Phase One Property is currently vacant and undeveloped at the time of this investigation.
- Based on a review of the previous environmental reports available for the Site, it appears that fill material was placed extensively over the southwestern portion of the west adjacent property over a period of two months in the 2000s by a Mr. Frank Anthony. It was estimated by WSP in 2016 that up to 340,000 cubic metres of fill material may be present on the west adjacent property. Shallow soil impacts of various parameters including boron (hot water extractable), electrical conductivity (EC), and cyanide were previously identified.
- The neighbouring properties within the Phase One Study Area appear to have been used for agricultural, commercial and residential purposes. The adjoining properties were used for or were vacant (west), community (east), agricultural (north) and residential (south) purposes at the time of this investigation.

A total of two (2) PCAs were identified within the Phase One Study Area, a summary of the PCAs identified is presented in the table below:

Summary of PCAs Identified Within Phase One Study Area

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
1	PCA-30: Importation of Fill Material of Unknown Quality	Fill material was previously imported to west adjacent property, as has been characterized by AME in 2002, and by WSP in 2015. Several pockets of impacted fill material were formerly identified by AME and WSP on the west adjacent property	No – Based on distance from Phase One Property, and concentration of contaminants identified. Reported contaminant concentrations were only marginally above background site condition standards.

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
			The soils on-Site are reported to be clay to silt textured tills according to the OGS. These soils are considered to be of low hydraulic conductivity and are anticipated to impede contaminant migration.
2	PCA-28: Gasoline and associated products storage in fixed tanks	Two ASTs were formerly present on the west adjacent property and were used by the former golf club. The ASTs are no longer present on-site.	No – Based on the distance from the Phase One Property and low permeability of the soils on-Site.

Based on a review of the information available at this time it is concluded that no PCAs were identified on the Phase One Property which are considered to be contributing to APECs in, on, or under the Phase One Property.

No further investigation is warranted at this time. A Record of Site Condition may be filed based on the findings of this Phase One ESA.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by Bressa Developments Ltd. to complete a Phase One ESA of a portion of the Property referred to as the "Bressa Development", which has an approximate municipal address of 1429 Dundas Street East, Oakville, Ontario. This Phase One ESA was conducted on the eastern segment of the Bressa Development which is within 30 metres (west) of a Natural Heritage Feature associated with Joshua's Creek, and is herein referred to as the "Phase One Property" or "Property".

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The Phase One ESA was completed to satisfy the intent of 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 is 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	Part of Lot 7, Concession 1, North of Dundas Street, Town of Oakville, Regional Municipality of Halton.	Legal Survey
Property Identification Number (PIN)	24930-0021	Legal Survey
Municipal Address	1429 Dundas Street East, Oakville, Ontario	Town of Oakville
Property Owner	Bressa Developments Ltd.	Title search
Property Owner Contact Information	Jason Mosdell 433 Steeles Avenue East Suite 110 Milton, Ontario, L9T 8Z4 Phone: 905.203.3967 Email: Jason.Mosdell@mattamycorp.com	Client
Current Site Occupants	Vacant	Site Visit
Site Area	5.77-hectare (14.26-acre)	Survey plan
Centroid UTM Coordinates	Northing: 4818065.73 Easting: 604510.46 Zone: 17T	Survey Plan

1.2 Site Description

The Phase One Property is a 5.77-hectare (14.26-acre) portion of the Property referred to as the "Bressa Development", which has an approximate municipal address of 1429 Dundas Street East, Oakville, Ontario. The Property is situated within a mixed residential, and agricultural neighborhood. The Phase One Property is located approximately 350 m west of the intersection of Dundas Street East and Ninth Line and was vacant and undeveloped at the time of this investigation. A Site Location Plan is provided in Figure 1.

For the purposes of this report, Dundas Street East street is assumed to be aligned in an east-west orientation, and Ninth Line street in a north-south orientation. A Plan of Survey for the Phase One Property prepared by R-PE Surveying LTD., an Ontario Land Surveyor, has been provided under Appendix A.

The Site is currently vacant and contains no structures. A Site Plan depicting the property boundaries and Site features is provided in Figure 2.

2.0 Scope of Investigation

The Phase One ESA was completed to satisfy the intent of 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 Ecolog 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, by-laws, 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
  - Urea formaldehyde foam insulation (UFFI)
  - Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
  - PCB-containing materials and electrical equipment
  - Lead-based paint
  - 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-of-ways, 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-metre 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, commercial, and, agricultural 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 3A.

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, city directories, and interviews. Based on the information obtained, the first developed use of the Phase One Property was for agricultural purposes and occurred prior to 1960. The date of patent for the Phase One Property was 1808, it is inferred that the property was used for agricultural purposes from the 1800s until the 1980s, at which point the site was redeveloped for commercial purposes (golf course). Three structures which are interpreted to have been used for agricultural purposes were observed on the west adjoining lands (part of Bressa Property) in an aerial photograph from 1960.

3.1.3 Fire Insurance Plans

Fire insurance plans were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library and City Toronto's online services. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers,

transformers, electrical room, etc. No FIPs for the Phase One Property or properties within the Phase One Study Area were available for review.

3.1.4 Chain of Title

A Chain of Title search for the Property was prepared as part of the Phase One ESA. The Chain of Title covered the period from 1808 to 2015 and is summarized in Section 7.1 of this report. The Chain of Title search indicated that the date of patent for the Phase One Property was 1808. The Phase One Property appears to have been occupied by various private individuals from 1808 to 1956, and by investment/holding companies from 1956 to 2015. Based on the information provided, it is inferred that the first developed use of the Phase One Property was for agricultural purposes.

Information for the chain of title and parcel register is provided in Appendix F.

3.1.5 Environmental Reports

DS reviewed the following environmental report prepared for the Bressa Development (i.e. Phase One Property and west adjacent lands). The report was provided by the client to DS.

- *"Phase II Environmental Site Assessment, Fill Deposit – Bressa Developments Property, Dundas Street West, Oakville Ontario",* prepared for Mattamy Homes Ltd., prepared by Terrapex Environmental Ltd., dated April 11, 2006 (Terrapex 2006 Report)*;*
- *"Phase I Environmental Site Assessment, Due Diligence for Financing – Lakeport Property, Oakville, Ontario",* prepared for Bressa Developments Limited c/o Mattamy Development Corporation, prepared by AME – Materials Engineering, dated October 31, 2008 (AME 2008 Report)*; and*
- *"Phase One Environmental Site Assessment – Bressa Property, 1264, 1288 Burnhamthorpe Road East, 1429 Dundas Street East, Oakville, Ontario",* prepared for Mattamy Homes, prepared by SPL Consultants Ltd., dated March 16, 2015 (SPL 2015 Report)*;*
- *"Memorandum – Environmental Testing Summary, Project # 141-55140-00"*, prepared for Mattamy Development Corporation, prepared by WSP Canada Inc., dated January 16, 2016 (WSP 2016 Memo).

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.

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 (formerly 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 8 SCS: Generic Site Condition Standards for Use within 30 m of a Water Body in a Potable Ground Water Condition for Residential/Parkland/Institutional Use.

The analytical date provided in the previous reports were compared to the Table 8 SCS 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:

Terrapex 2006 Report

The Terrapex 2006 Report was conducted in general accordance with Ontario Regulation 153/04 (applicable at the time) and was completed in order to assess the environmental quality of the fill materials present on the west adjacent property. The scope of work completed included the advancement of four boreholes to depths ranging between 4.7 to 5.2 metres below ground surface (mbgs). The stratigraphy encountered generally consisted of 2.1 to 3.7 m of fill material (silt with varying amounts of clay, sand and organic matter), underlain by native sandy silt till. Bedrock was not encountered in any of the borehole locations.

Composite samples of the fill material collected from the boreholes were prepared and submitted for analysis of metals and inorganics. One additional sample was analyzed for volatile organic compounds (VOCs) and petroleum hydrocarbons (PHCs). The results were assessed against the Table 3 SCS applicable at the time. It was concluded by Terrapex that all of the samples met the applicable site condition standards. DS reviewed the data collected by Terrapex and compared the laboratory results to the current MECP Table 8 SCS. The results of the samples analyzed in 2006 meet the applicable Site Condition Standards.

AME 2008 Report

The AME 2008 Report was conducted in general accordance with CSA document entitled "Phase I Environmental Site Assessment" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The report was conducted on the entirety of the “Bressa Development Property”, the following pertinent information was noted by DS which is applicable to the Phase One Property:

- The Site was used for agricultural purposes and commercial purposes (golf course) at the time of the investigation;
- It was determined that the property has been vacant and was generally used for agricultural purposes from the 1950s to the late 1970s;
- Three tributaries of Joshua’s Creek converge along the northeastern property boundary;
- The golf course contained a clubhouse and a separate maintenance building;

- Two aboveground storage tanks (ASTs) were observed in a fenced enclosure alongside the maintenance building. The tanks were observed to be in good condition, no stains or evidence of historical spills were observed;
- Two dug wells and four drilled wells were observed on the north adjoining property. The wells were reported to be in the process of being decommissioned at the time of the investigation;
- Fill material was reported to be present on the Site;
- The environmental quality of the fill material was assessed in 2002 by AME, involving the advancement of eight boreholes and 44 test pits.
- 34 soil samples were submitted for chemical analysis, the results of which indicated that all of the samples met the Site Condition Standards applicable at the time, with the exception of an exceedance of Boron (hot water soluble) which was identified in Test Pit #34. It was estimated that approximately 19 cubic metres of impacted soil was present.
- Pesticides were reported to be applied sparingly, as needed to the agricultural fields;
- Imported fill was placed to the farm fields adjacent to the west side of the golf course. Earthen berms were created to redirect surface water to the north, rather than draining across the golf course, south of the parking lot. A drainage ditch had been cut north of the golf course to the creek for the purpose of draining water that began to accumulate in the fields after the earthworks were completed;

Based on the findings of the Phase I ESA it was concluded that the completion of a Limited Phase II ESA was warranted.

SPL 2015 Report

The SPL 2015 Report was conducted in general accordance with Ontario Regulation 153/04, dated April 15, 2011 (as amended), and included a review of readily available historical records and reasonably ascertainable regulatory information, a Site Reconnaissance, interviews, evaluation of information, and reporting. The report was conducted on the entirety of the "Bressa Property", the following pertinent information was noted by DS which is applicable to the Phase One Property

- The Site was used for agricultural and commercial purposes (White Oaks Golf Club) at the time of the investigation;
- Two potentially contaminating activities were identified, associated with the presence of two aboveground storage tanks, as previously identified by AME in 2008, and with the presence of fill material;

It was concluded that two Areas of Potential Environmental Concern were present on the Phase One Property. The completion of a Phase Two ESA was recommended to further understand the soil and groundwater conditions at the Phase One Property.

WSP 2016 Memo.

WSP reported that test pits were advanced and monitoring wells were installed on the west adjacent property as part of a Phase Two ESA for the Site. It does not appear that a Phase Two ESA Report was finalized for the Site. It was estimated that approximately 340,000 m^3 of fill material containing organics and debris was present on the west adjacent property, with an average depth of 3 metres. The maximum fill depth was greater than 6.6 metres.

WSP reviewed the results of the chemical analyses conducted in the previous two site assessments (AME and Terrapex), as well as the data obtained by WSP. A summary of the chemical analyses conducted on the fill material is presented in the table below:

Table 3-1: Summary of Chemical Analyses Conducted (Soil)

Consultant	Parameter Tested	Number of Samples	Result
AME (2002)	Metals and Inorganics	30	TP34 – exceeded SCS for Boron (HWS) (2.3-3.0 mbgs)
Terrapex (2006)	Metals	4	Met Site Condition Standards
	PHCs	1	
	VOCs	1	
WSP (2015-2016)	Metals and Inorganics	38 + 3 duplicates	BH15A-6 SS1 – exceeded SCS for cyanide (0-0.6 mbgs) TP15A-18 Sa2 – exceeded SCS for Boron (HWE) (0.3-3.0 mbgs) TP16-11 Sa1 – exceeded SCS for EC (2.4-3.4 mbgs)
	PHCs	2 + 1 duplicate	Met Site Condition Standards
	PAHs	2 + 1 duplicate	Met Site Condition Standards
	PCBs	4 + 1 duplicate	Met Site Condition Standards

WSP indicated that three monitoring wells had been used to collect groundwater samples. The results of the chemical analyses indicated that all three groundwater samples exceeded the Table 2 SCS for sodium, chloride and cobalt.

Previous Reports Summary

Based on a review of the previous reports provided, it is concluded that the Site was historically used as a Golf Course from the 1980s to the mid-2010s and has been used for agricultural purposes since the 1800s. Potentially contaminating activities identified include the importation of fill material of unknown quality on the west adjacent property, and the former presence of two ASTs (servicing the golf course). Soil impacts for boron (HWE), cyanide, and EC were identified throughout the course of the previous environmental investigations on the west adjacent property.

It is noted by DS that the site condition standards for hot water soluble boron are only applicable for surface soils (0-1.5 mbgs), as such the reported elevated concentration of boron (HWS) in TP34 is considered not applicable as this sample was collected at depths greater than 1.5 mbgs. All of the soil impacts identified were identified on the west adjacent property. No indication of fill material was identified on the Phase One Property in the previous environmental reports.

Sodium, chloride and cobalt impacts were identified in groundwater collected from three monitoring wells (BH15A-5, BH15A-6, and BH15A-7) tested by WSP on the west adjacent property.

It is noted by DS that the monitoring wells BH15A-5, BH15A-6, and BH15A-7 were all screened within the weathered shale/till zone. The Queenston Shale which is present on-Site has been documented to naturally exhibit elevated concentrations of sulphate, chloride, calcium, sodium, magnesium, manganese, strontium, iron, hardness, and total dissolved solids (AECOM, 2009 & Canadian Journal of Earth Science, 2017). According to Sibul et al. (1977) sodium occurs naturally in Queenston Shales, and the ion exchange process results in the replacement of calcium with sodium in groundwater, resulting in naturally high concentrations of sodium in groundwater derived from the Queenston Shale formation. This is supported by the historical soil and groundwater analytical data. Only one marginal exceedance of electrical conductivity has been identified (0.723 µs/cm vs. criteria of 0.7 µs/cm). A total of 68 soil samples have been analyzed for metals and inorganics between 2002 and 2016 by AME and WSP. All of the samples analyzed within the vicinity of BH15A-5, BH15A-6, and BH15A-7 met the Criteria for EC and SAR. Based on this weight of evidence, it is concluded by DS that the elevated levels of sodium and chloride observed in water are not anthropogenic in nature and are the result of the natural bedrock conditions.

Concentrations of cobalt in excess of the applicable Site Condition Standards were not identified in any of the 68 soil samples analyzed for metals and inorganics between 2002 and 2016 by AME and WSP. Fill material was the only potentially contaminating activity identified on Site which could result in elevated concentrations of cobalt in groundwater. Given that no source of cobalt was identified in soil, it is the opinion of the QP_{ESA} that the elevated concentration of cobalt detected in groundwater was not the result of human activity.

The Environmental Protection Act (EPA) defines contaminants as “any solid, liquid, gas, odour, heat, sound, vibration, radiation or combination of any of them resulting directly or indirectly from human activities that causes or may cause an adverse effect (EPA, 1990)”. As there is no indication that the elevated concentrations of sodium, chloride, and cobalt reported in groundwater are anthropogenic in nature, it is concluded that the cobalt, sodium, and chloride are not considered to be contaminants, as defined by the EPA.

3.1.6 City Directories

City Directories for the years 1973, 1978, 1984, 1989, 1994 and 2000 were available for the properties within the Phase One Study Area. No potentially contaminating activities were identified on the Phase One Property or within the Phase One Study Area.

3.2 Environmental Source Information

3.2.1 Ecolog Eris Report

EcoLog Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information.

DS contacted EcoLog Environmental Risk Information Services Ltd. (EcoLog 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. EcoLog 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 3-2: Summary of Environmental Databases Reviewed

Federal Government Source Databases	Private Source Databases
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 Defence & Canadian Forces Spills; National Defence & 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 Generators Summary; 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 19 listings for the Phase One Property, and 19 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 3-3: Summary of ERIS Report Findings

Database/Date	Entry Details
Environmental Activity and Sector Registry (EASR)	The EASR was registered to the Regional Municipality of Halton for the purposes of construction dewatering. This EASR is not considered to be a PCA, however the construction dewatering activities have the potential to affect groundwater levels and flow direction on the Phase One Property.
Environmental Compliance Approval (ECA)	One ECA was identified registered to the Regional Municipality of Halton for Municipal and Private Sewage Works at 1437 Dundas Street East. This ECA is not considered to be a PCA.
Fuel Storage Tank (FST)	One record was present for a single walled steel liquid fuel tank (AST) with a capacity of 1,360 L. The AST was registered to the White Oaks Golf Club located at 1429 Dundas Street E. The location of the former AST is depicted on Figure 3B (west adjacent property).
Fuel Storage Tank – Historic (FSTH)	Two records were present for a self serve private fuel outlet license, registered to the White Oaks Golf Club, dated July 2001. This license is inferred to pertain to the AST listed above.
TSSA Historic Incidents (HINC)	Two records were identified for natural gas pipeline strike incidents that occurred on a southwest neighbouring property. These incidents are not considered to be PCAs.
Record of Site Condition	A Record of Site Condition was identified for the "valleylands" of the Bressa Development. The RSC property consists of the east and north adjoining lands. The RSC was filed based on a Phase One ESA alone, and was acknowledged August 26, 2018.
Water Well Information System (WWIS)	A total of fourteen 14 well records were identified within the Phase One Study Area. Additional details regarding the well construction, soil descriptions, and installation date can be found in the Ecolog ERIS report, provided under Appendix B.

3.2.2 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.

A response has been received from the MECP. One record was present for the White Oaks Golf Course, a portion of which is located on the Phase One Property. The record pertained to an inspection report about the use of pesticides on the golf course. It was concluded that no pesticides were being used or stored on-Site, and the golf course passed the inspection. Based on the results of this MOE FOI request there is no indication that pesticides have been applied to the Phase One Property.

3.2.3 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 October 24, 2018 from Yalini Kanagendran of TSSA, the following records were identified for the Phase One Property:

Inst Number	Context	Address	City	Province	Postal Code	Status
10334149	FS Private Fuel Outlet – Self Serve	1429 Dundas Street East	Oakville	ON	L6J 4Z2	Active
11640236	FS Liquid Fuel Tank	1429 Dundas Street East	Oakville	ON	L6J 4Z2	Active

A copy of the correspondence with the TSSA has been appended under Appendix C. These records are inferred to correspond to the former ASTs servicing the maintenance building associated with a portion of the White Oaks Golf Club located on the western adjacent property. No tanks were observed on the Phase One Property at the time of this investigation.

3.2.4 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. The regional and municipal Official Plans were also reviewed as part of this assessment.

A review of these databases indicated that Northern Bobwhite and Henslow's Sparrow (endangered species) may be present within 1 km of the Site. The Northern Bobwhite is a ground dwelling bird which was last observed in 1904. The Henslow's Sparrow habitat includes abandoned farm fields, pastures and wet meadows. The Henslow's Sparrow was last observed within 1 km of the Site in 1932.

DS was informed by the Client that a natural heritage assessment had been conducted for the Bressa development as part of the municipal development approvals process. No endangered species habitat was identified on the Phase One Property. Based on this the Phase One Property is not considered to be Environmentally Sensitive.

The Halton Official Plan was also reviewed as a part of this investigation. According to Map 1A of the Halton Official Plan, Natural Heritage System is present on the Phase One Property, and along the east adjacent property.

This system was confirmed by the Town of Oakville Official Plan Liveable Oakville Map. This Natural Heritage System lies within the Joshua Creek Watershed and Joshua Valley Park North.

According to the Conservation Halton Base Map, the Property encompasses a part of the Joshua Valley Park North, an Area of Natural Significance.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1960, 1979. 1987, 1994 were obtained from the City of Toronto Online Mapping and reviewed as part of this assessment. The County Atlas of Halton was reviewed in order to provide a more historical image from the year 1877. Google Earth was used to review satellite imagery from the years 2004, 2013 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 3-4: Summary of Aerial Photographs

Year	Phase One Property	Phase One Study Area
1877	No structures are depicted in the County Atlas on the Phase One Property. The Phase One Property is inferred to have been used for agricultural purposes at this time.	**North**
		The north adjoining lands appear to be vacant at this time and are inferred to have been used for agricultural purposes.
		East
		Joshua Creek is present to the east of the Phase One Property, in a similar configuration to present day. The lands east of Joshua Creek appear to have been used for agricultural purposes. Ninth Line is oriented at a similar configuration to present day.
		South
		The south neighboring properties appear to have been used for agricultural purposes at this time. A homestead and orchard are depicted on the southeast neighboring lands. Dundas Street appears to be oriented in the same orientation as present day.
		West

Year	Phase One Property	Phase One Study Area
		The west neighboring properties appear to have been used for agricultural purposes at this time. A homestead and orchard are depicted on the west neighboring lands.
1960	The Phase One Property appears to have been used for agricultural purposes by the three structures on the west adjacent property.	**North**
		The north neighboring lands appear to have been used for agricultural purposes at this time.
		East
		The east neighboring lands appear to have been used for agricultural purposes at this time.
		South
		The south neighbouring lands appear to have been used for agricultural purposes at this time.
		West
		Three (3) agricultural buildings appear to have been constructed in the southwestern corner of the west adjacent property. The buildings appear to be a large barn, a silo, and a small shed. A driveway from these structures to Dundas Street East is visible. The remainder of the Site appears to have been used for agricultural purposes.
1979	No significant changes	No significant changes
1987	The White Oaks Golf Course appears to have been developed on the southeastern portion of the Site.	**North**
		No significant changes
		East
		The Glen Oaks Funeral Home and Cemetery appears to have been constructed on the east neighbouring lands. The cemetery appears to be smaller than present day.
		South
		No significant changes
		West
		The inferred agricultural structures in the southwest corner of the site appear to have been demolished. The White Oaks Golf Course appears to have occupied the west adjacent property in addition to the site.
1994	No significant changes	Additional development of the cemetery on the east neighbouring lands appears to have occurred. No other significant changes observed.
2004	No significant changes	Additional development of the cemetery on the east neighbouring lands appears to have occurred. The subdivision on the south neighbouring lands appear to be under construction. Areas of ground disturbance suggesting placement of fill material are present in the central portion of the west adjacent property.

Year	Phase One Property	Phase One Study Area
2013	No significant changes	Additional development of the cemetery on the east neighbouring lands appears to have occurred. The south neighbouring lands have been developed for residential purposes.
2018	White Oaks Golf Course appears to have been demolished on the portion of the Phase One Property it occupied	The surrounding properties resemble their current layout. The former golf clubhouse and maintenance building appear to have been demolished on the west adjacent property.

3.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally sloped to the south, with elevations ranging from 170 to 160 masl. The topography within the Phase One Study Area generally slopes to the south/southeast, towards Lake Ontario located approximately 6.5 km southeast of the Phase One Property. The nearest body of water is a branch of Joshua's Creek, located along the east property boundary of the Phase One Property. Tributaries/drainage features of Joshua's Creek cut across the central portions of the site and flow into Joshua's Creek.

Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property appears to be variable, ranging between 3.0 to 12 mbgs. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southeasterly towards Joshua's Creek and Lake Ontario.

The physiography of the Phase One Property is described as a till moraine across the northern portion of the Site, and the southern portion of the Site is described as a till plain. The surficial geology within the Phase One Study area is described as "clay to silt-textured till (derived from glaciolacustrine deposits or shale", and the bedrock is described as "shale, limestone, dolostone and siltstone of the Queenston Formation". Based on a review of OGS Earth records, the depth to bedrock in the Phase One Study Area is anticipated to be variable, ranging from 3 to 15 mbgs.

3.3.3 Fill Materials

It was estimated in the WSP 2016 Memo that approximately 340,000 m^3 of fill material containing organics and debris was present on the west adjacent property, with an average depth of 3 metres. The maximum fill depth was greater than 6.6 metres. Several isolated pockets of soil impacts were identified within the fill stockpile on the west adjacent stockpile.

There is no indication of the presence of fill material on the Phase One Property based on the records reviewed and based on the Phase One Site Reconnaissance (Section 5.0).

3.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was not observed on the Property. The topographic map reviewed indicated that unnamed tributaries of Joshua's Creek traverse the Phase One Property and drain into Joshua's Creek. It is possible that these tributaries are seasonal drainage features.

Joshua's creek is located approximately 20 m to the east. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities have developed policies to protect natural heritage features. The Region uses Environmentally Significant Areas 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.

The Property includes no Areas of Natural Significance. Additional details are provided in Section 3.2.4 above.

3.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. Fourteen (14) records were identified within the Phase One Study Area.

Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix B.

3.4 Site Operating Records

None of the former structures were present at the time of this investigation. The former agricultural fields were in fallow, pending upcoming earth works associated with the redevelopment of the Phase One Property.

4.0 Interviews

4.1 Personnel Interviewed

Phase One Interviews were previously conducted by AME in 2002 and by SPL Consultants Ltd. in 2014. The current property owner was interviewed as part of this Phase One ESA.

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	Position	Method of Interview
2002 (AME)	Mr. Phil Sheridan	Representative of former owner.	Representative	In-person
2002 (AME)	Mr. Dave Robinson	Tenant	Farmer	In-person
2002 (AME)	Mr. Rob Simpson	Tenant	Greenskeeper	In-person
2014 (SPL)	Mr. Gord Cochrane	Tenant	Owner of Golf Club	In-Person
October 26, 2018	Mr. Ryan Oosterhoff	Employee of Owner	Senior Land Development Manager	Questionnaire

4.2 Interviewee Rationale

The Phase One Property had been vacated of former tenants at the time of this investigation. Mr. Ryan Oosterhoff is the land development manager responsible for the proposed redevelopment of the Site, and is considered to be the most knowledgeable person regarding the historical site operations at this time. The Phase One Interview was conducted by Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

4.3 Results of Interview

Results of previous interviews: 2002-2014

The following information was obtained from the previous interviews conducted:

- The Site was used for agricultural purposes, and as a golf course;
- The farm fields were leased at the time, as were the lands occupied by the White Oaks Golf Club.
- Mr. Sheridan was unaware of any storage of hazardous materials, historical spills, or standing orders from the MOE or municipality.
- Pesticides were used sparingly as needed.
- Imported fill was placed extensively on the west adjacent property over a period of two months by a Mr. Frank Anthony. This area was left fallow due to concerns of the mixed debris contained within the fill material damaging the agricultural machinery.

- A small shed was formerly located on the north side of the driving range which was used for storing golf carts. It was reportedly torn down "several years ago".
- Pesticides were used sparingly as needed on the golf course. Mr. Simpson emphasized that the golf course was decidedly low budget and there was very little fund allocation towards fertilizers or pesticides.
- Imported fill was placed extensively on the farm fields adjacent to the west side of the golf course on the west adjacent property. Earthen berms had been created which re-directed surface water north rather than draining east across the golf course. A drainage ditch was cut north of the golf course to Joshua's Creek for the purpose of draining surface water that had begun to accumulate in the fields after the earthworks were completed.
- An irrigation pond was present west of the clubhouse.
- No underground storage tanks were present.
- The golf club at the time included a small equipment storage shed and a clubhouse building.
- The clubhouse building was equipped with two septic tanks.
- A 20,000 L steel water cistern was formerly present below the front deck of the clubhouse building.
- The equipment storage shed made use of one gasoline AST and one diesel AST.

Results of Interview-2018

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

- The Site was formerly used for agricultural purposes, and the eastern portion of the property formerly contained the clubhouse. A maintenance building with two ASTs (gasoline and diesel fuel) associated with the former White Oaks Golf Club was present on the west adjacent property;
- The White Oaks Golf Club was in operation between 1985 and 2014;
- The site representative was unaware of any historical spills or other related incidents which would affect the soil and groundwater conditions on the Site;
- The site representative was unaware of the presence of any ASTs or USTs on the Site; and
- No soil or ground water remediation has been completed to date at the Property.

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
Date of Investigation:	October 24, 2018
Time of Investigation:	2pm
Weather Conditions:	Overcast, 5 degrees Celsius
Duration of Investigation:	3 hours
Facility Operation	N/A - Vacant
Name and Qualification of Person(s) conducting the assessment	Tanner Leonhardt, B.Eng. under supervision of Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA} The qualifications of the Site Assessors is presented under Section 8.4.
Limitations	No limitations

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 E.

Table 5-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	None present.
ii.	Description of the number, age and depth of below-ground structures	None present.
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	None observed.
iv.	Potable and non-potable water sources	None at the time of the investigation.
Underground Utilities and Corridors		
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.	None observed.

Features of Structures and Buildings at the Phase One Property		
i.	Entry and exit points	Not applicable.
ii.	Details of existing and former heating systems, including type and fuel source	None present.
iii.	Details of cooling systems, including type and fuel source, if any	None present.
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	None present.
v.	Details of any unidentified substances	None present.
vi.	Details, including locations of strains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	No structures present.
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 monitoring wells previously installed by WSP (BH15A-5, BH15A-6, and BH15A-7) were observed on the west adjacent lands.
viii.	Details of sewage works, including their location	None observed.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	The Site was in fallow at the time of the site investigation and was covered by grass/various plants.
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	No visual evidence (e.g. uneven ground surface, disturbed land) of fill material was observed on the Phase One Property.
xiv.	Potentially contaminating activity	No PCAs were identified on the Phase One Property.
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 an enhanced investigation property.

Hazardous Materials		
i.	Asbestos containing materials	None observed, no structures are present on the Phase One Property.
ii.	Lead containing materials	None observed, no structures are present on the Phase One Property.
iii.	PCB materials and equipment	None observed, no structures are present on the Phase One Property.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	None observed, no structures are present on the Phase One Property.
v.	Ozone Depleting Substances (ODS)	None observed, no structures are present on the Phase One Property.
vi.	Herbicides and Pesticides	None observed.
vii.	Mould	None observed, no structures are present on the Phase One Property.
viii.	Mercury	None observed, no structures are present on the Phase One Property.
ix.	acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	None observed, no structures are present on the Phase One Property.
x.	Pits and Lagoons	None observed.
xi.	Air Emissions	Not applicable – no sources of emissions are present.
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 residential, agricultural, and commercial, 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 vacant at the time of the site reconnaissance but appeared to have been formerly used for agricultural purposes. The clearing associated with the former driveway to the White Oaks Golf Clubhouse (demolished) was observed.
North Adjacent Property	The north adjoining lands were vacant at the time of the investigation.

Observation	Details
East Adjacent Property	The east adjacent property consisted of valleylands along Joshua's Creek.
South Adjacent Property	A residential subdivision is present south of Dundas Street East.
West Adjacent Property	The west adjacent property was vacant at the time of site reconnaissance but appeared to have been previously used for agricultural purposes. The monitoring wells previously installed by WSP were observed. Mixed fill material was observed, as described in the environmental reports reviewed.
Water Bodies	Evidence of the seasonal drainage features of Joshua's Creek was observed on the Phase One Property. Joshua's Creek was observed on the east adjacent lands.
Areas of Natural Significance	None observed.

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix E. 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 3B.

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, city directories and conversations with the site representative. Summary of Current and Past Uses of the Phase One Property is presented in the Appendix G.

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 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 3B.

Table 6-1: Summary of PCAs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
1	PCA-30: Importation of Fill Material of Unknown Quality	Fill material was previously imported to west adjacent property, as has been characterized by AME in 2002, and by WSP in 2015. Several pockets of impacted fill material were formerly identified by AME and WSP on the west adjacent property	No – Based on distance from Phase One Property, and concentration of contaminants identified. Reported contaminant concentrations were only marginally above background site condition standards. The soils on-Site are reported to be clay to silt textured tills according to the OGS. These soils are considered to be of low hydraulic conductivity and are anticipated to impede contaminant migration.
2	PCA-28: Gasoline and associated products storage in fixed tanks	Two ASTs were formerly present on the west adjacent property and were used by the former golf club. The ASTs are no longer present on-site.	No – Based on the distance from the Phase One Property and low permeability of the soils on-Site.

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

6.3 Areas of Potential Environmental Concern

No areas of potential environmental concern were identified on the Phase One Property.

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.

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 1429 Dundas Street East, Oakville, Ontario. The Phase One Conceptual Site Model is presented in Drawings 2A, 2B, 3A, 3B, 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 3B and discussed in Section 7.2 above. No PCAs were considered to be contributing to APECs on, in or under the Phase One Property.

6.4.2 Contaminants of Potential Concern

No APECs were identified on the Phase One Property, therefore, there are no contaminants of potential concern associated with the Phase One Property

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 services including two septic systems, an underground water cistern, and inferred natural gas service were formerly present on the Phase One Property, servicing the former golf clubhouse. Based on the information obtained in the Phase One interview, all of the former services have been decommissioned.

A no contaminant of potential concern was identified on the Phase One Property, these former services are not considered to have presented pathways for contaminant migration.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally sloped to the south, with elevations ranging from 170 to 160 masl. The topography within the Phase One Study Area generally slopes to the south/southeast, towards Lake Ontario located approximately 6.5 km southeast of the Phase One Property. The nearest body of water is a branch of Joshua's Creek, located along the east property boundary of the Phase One Property. Tributaries/drainage features of Joshua's Creek cut across the central portions of the site and flow into Joshua's Creek.

Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property appears to be variable, ranging between 3.0 to 12 mbgs. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southeasterly towards Joshua's Creek and Lake Ontario.

The physiography of the Phase One Property is described as a till moraine across the northern portion of the Site, and the southern portion of the Site is described as a till plain. The surficial geology within the Phase One Study area is described as "clay to silt-textured till (derived from glaciolacustrine deposits or shale", and the bedrock is described as "shale, limestone, dolostone and siltstone of the Queenston Formation". Based on a review of OGS Earth records, the depth to bedrock in the Phase One Study Area is anticipated to be variable, ranging from 3 to 15 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 EcoLog ERIS and the information presented in the environmental reports reviewed (completed by others). 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 MECP FOI request. If the MECP FOI request 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 dose not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

7.0 Conclusions

7.1 Phase Two Environmental Site Assessment Requirement

DS conducted a Phase One ESA for a portion of the Property referred to as the "Bressa Development", which has an approximate municipal address of 1429 Dundas Street East, Oakville, Ontario. This Phase One ESA was conducted on the eastern segment of the Bressa Development which is within 30 metres (west) of a Natural Heritage Feature associated with Joshua's Creek, and is herein referred to as the "Phase One Property" or "Property".

The Phase One ESA was completed to satisfy the intent of 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 two (2) PCAs were identified within the Phase One Study Area, neither of which are considered to be contributing to APECs on, in or under the Phase One Property.

7.2 RSC Based on Phase One Environmental Site Assessment

No further investigation is warranted at this time. A Record of Site Condition may be filed based on the findings of this Phase One ESA.

7.3 Limitations

This report was prepared for the sole use of Bressa Developments Ltd. and is intended to provide an assessment of the environmental condition on the property located at 1429 Dundas Street East, 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

Tanner Leonhardt, B.Eng.

Mr. Leonhardt is an environmental technician with DS Consultants Limited. Tanner holds a Bachelor of Engineering Degree from the University of Guelph and has several years of experience working in the environmental industry. Tanner has experience in conducting Phase One and Phase Two Environmental Site Assessments, soil and groundwater remediation, and has supported several risk assessment projects.

Ms. Aphrodite Koseos, B.Sc., EPt

Ms. Koseos is an Environmental Technician with DS Consultants Ltd. Aphrodite holds a Bachelor of Science Degree from Simon Fraser University with a major in Environmental Science and a specialization in Earth Systems. Aphrodite is also registered as an environmental professional in training with ECO Canada. Aphrodite has had several years' experience in the environmental sector conducting Phase One and Phase Two Environmental Site Assessments.

Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP_{ESA}

Mr. Fioravanti is the Manager of Environmental Services with DS Consultants Limited. Patrick holds an Honors 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 nine years of environmental consulting experience and has conducted and/or managed over 100 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. 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.

Tanner Leonhardt., B.Eng.
Environmental Technician

Aphrodite Koseos, B.Sc., EPt
Environmental Technician

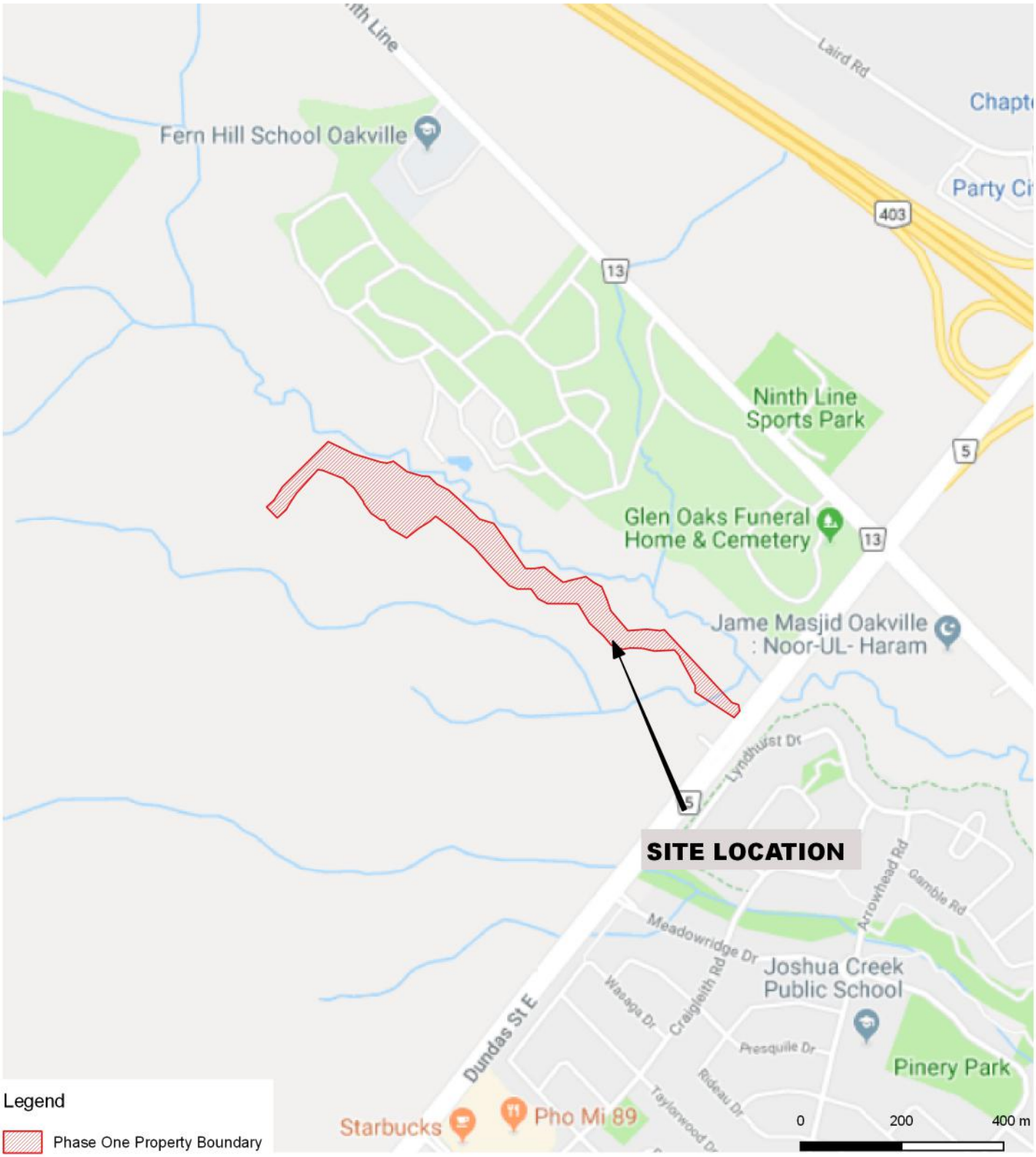
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Manager – Environmental Services

8.0 References

- Canadian Standards Association (CSA) Document Z768-01 Phase 1 Environmental Site Assessment, Nov. 2001
- 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
- Environmental Risk Information Services (Ecolog ERIS Report)
- *"Phase II Environmental Site Assessment, Fill Deposit – Bressa Developments Property, Dundas Street West, Oakville Ontario",* prepared for Mattamy Homes Ltd., prepared by Terrapex Environmental Ltd., dated April 11, 2006 (Terrapex 2006 Report)*;*
- *"Phase I Environmental Site Assessment, Due Diligence for Financing – Lakeport Property, Oakville, Ontario",* prepared for Bressa Developments Limited c/o Mattamy Development Corporation, prepared by AME – Materials Engineering, dated October 31, 2008 (AME 2008 Report)*; and*

- *"Phase One Environmental Site Assessment – Bressa Property, 1264, 1288 Burnhamthorpe Road East, 1429 Dundas Street East, Oakville, Ontario",* prepared for Mattamy Homes, prepared by SPL Consultants Ltd., dated March 16, 2015 (SPL 2015 Report)*;*
- *"Memorandum – Environmental Testing Summary, Project # 141-55140-00"*, prepared for Mattamy Development Corporation, prepared by WSP Canada Inc., dated January 16, 2016 (WSP 2016 Memo).
- "*Tremaine and Dundas Secondary Plan Subwatershed Study*, prepared for Halton Region, prepared by AECOM, dated September 2009.
- "*Evaluating the groundwater resource potential of the Dundas buried bedrock valley, southwestern Ontario: integrated geological and hydrogeological case study*" prepared by Andy F. Bajc *et al*., published by the Canadian Journal of Earth Science (55: 659-676), 2018.
- "*Water resources of the Big Otter Creek drainage basin, Water Resources Report 1, Ontario Water Resources Commission*, prepared by Sibul, U., dated 1969.
- Conservation Halton Online Basemap https://camaps.maps.arcgis.com/apps/webappviewer

Figures

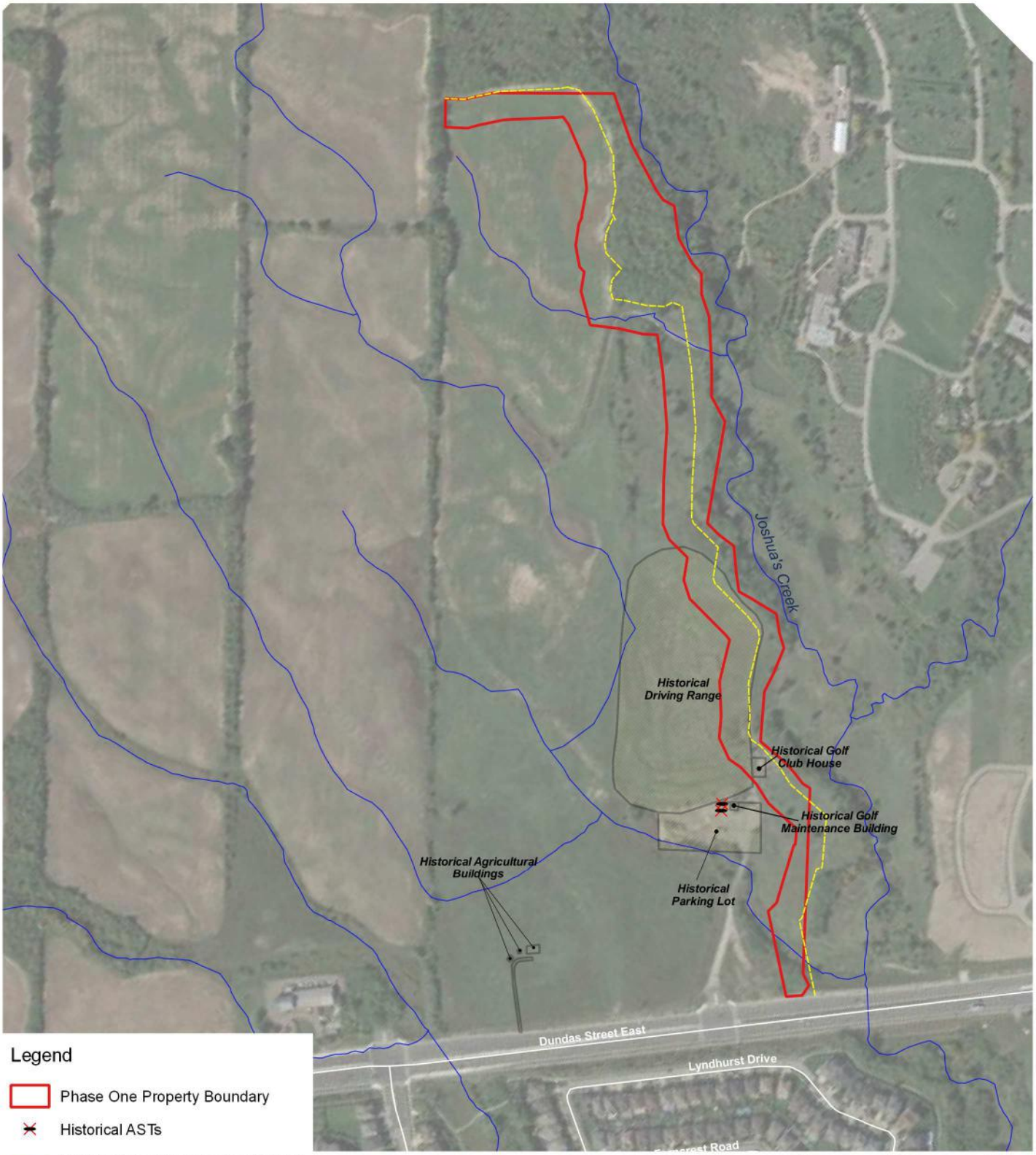


DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Project:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT NHS Lands - 1429 Dundas Street, Oakville, ON
Title:	**SITE LOCATION PLAN**
Client:	MATTAMY DEVELOPMENT CORPORATION

Size: 8.5 x 11	Approved By:	R.F	Drawn By:	S.Y	Date: July 2019
Rev. 0	Scale:	As Shown	Project No.:	18-549-100	Figure No.: 1
	Image/Map Source: *Google Street Map*				

J:\-GIS\18-549-40 Mattamy Bressa. Oakville\1-QGIS\1429 DUNDAS ST E\Phase One - NHS\Figure 1 - Site Location



J:\-GIS\18-549-40 Mattamy Bressa. Oakville\1-QGIS\1429 DUNDAS ST E\Phase One - NHS\Figure 2 - Phase One Property Site Plan.qgs

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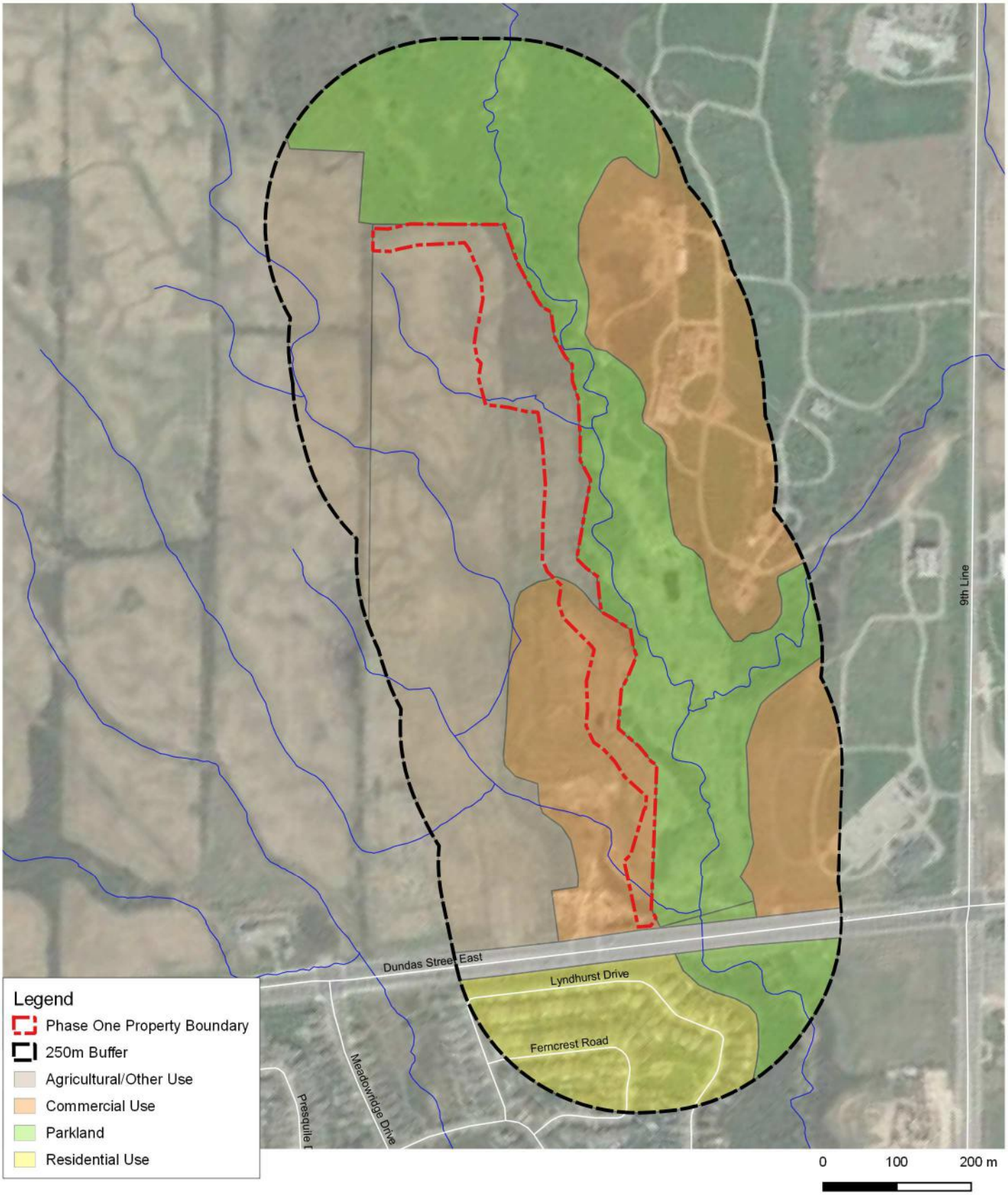
www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
NHS Lands - 1429 Dundas Street, Oakville, ON

Title: **PROPERTY SITE PLAN**

Client: BRESSA DEVELOPMENTS LTD.

Size:	Approved By:	R.F	Drawn By:	S.Y	Date:	July 2019
8.5 x 11	Scale:	As Shown	Project No.:	18-549-100	Figure No.:	2
Rev. 0	Image/Map Source: *Google Satellite Image*					



J:\-GIS\18-549-40 Mattamy Bressa. Oakville\1-QGIS\1429 DUNDAS ST E\Phase One - NHS\Figure 3 - Phase One Study Area.qgs

DS CONSULTANTS LTD.
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Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

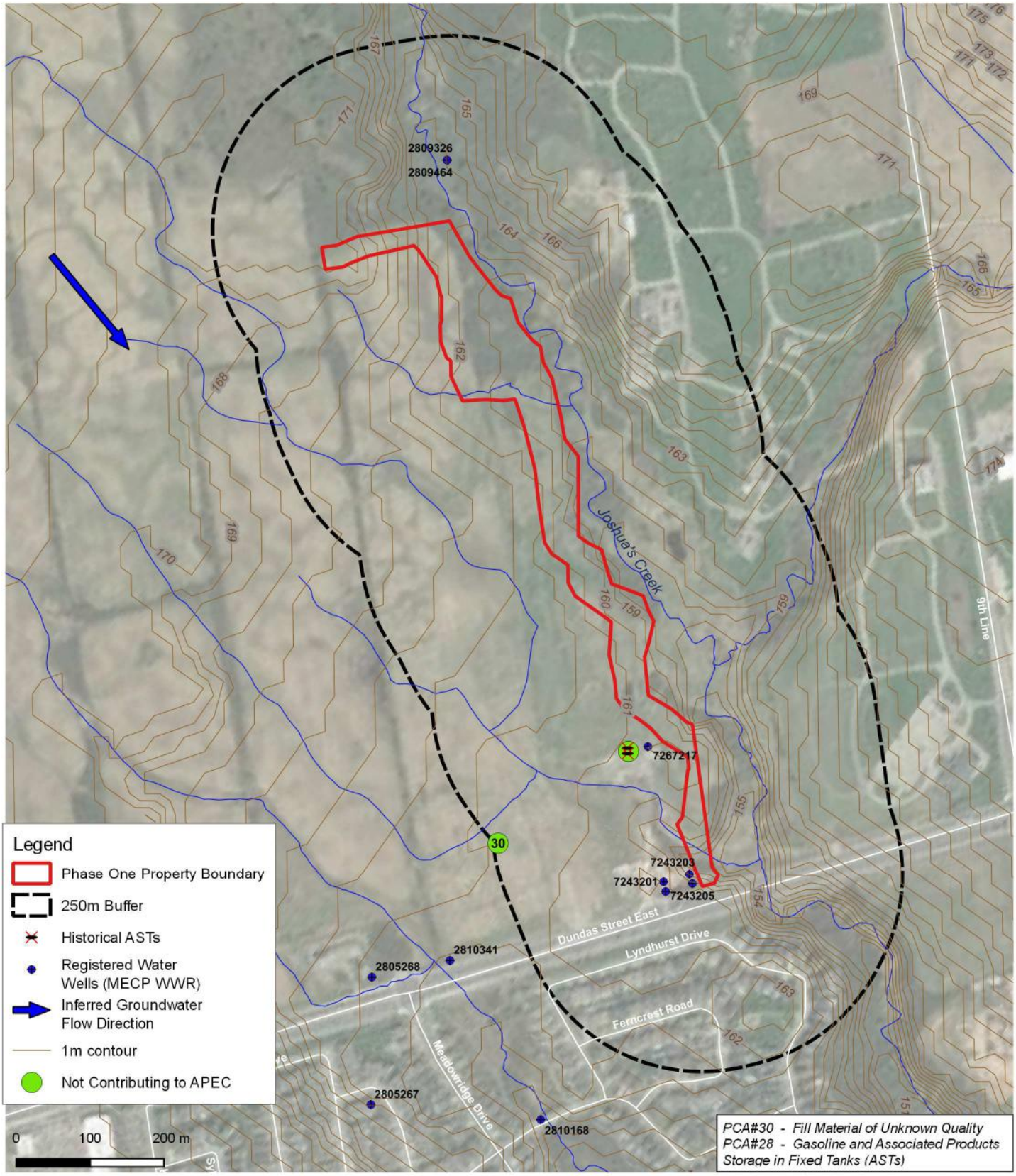
Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
NHS Lands - 1429 Dundas Street, Oakville, ON

Title: **PHASE ONE STUDY AREA**

Client: BRESSA DEVELOPMENTS LTD.

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	July 2019
Rev. 0	Scale: As Shown	Project No.: 18-549-100	Figure No.: 3

Image/Map Source: *Google Satellite Map*



J:\-GIS\18-549-40 Mattamy Bressa. Oakville\1-QGIS\1429 DUNDAS ST E\Phase One - NHS\Figure 4 - PCA within Phase One Study Area.qgs

DS CONSULTANTS LTD.
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Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
NHS Lands - 1429 Dundas Street, Oakville, ON

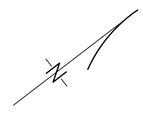
Title: **PCA WITH PHASE ONE STUDY AREA**

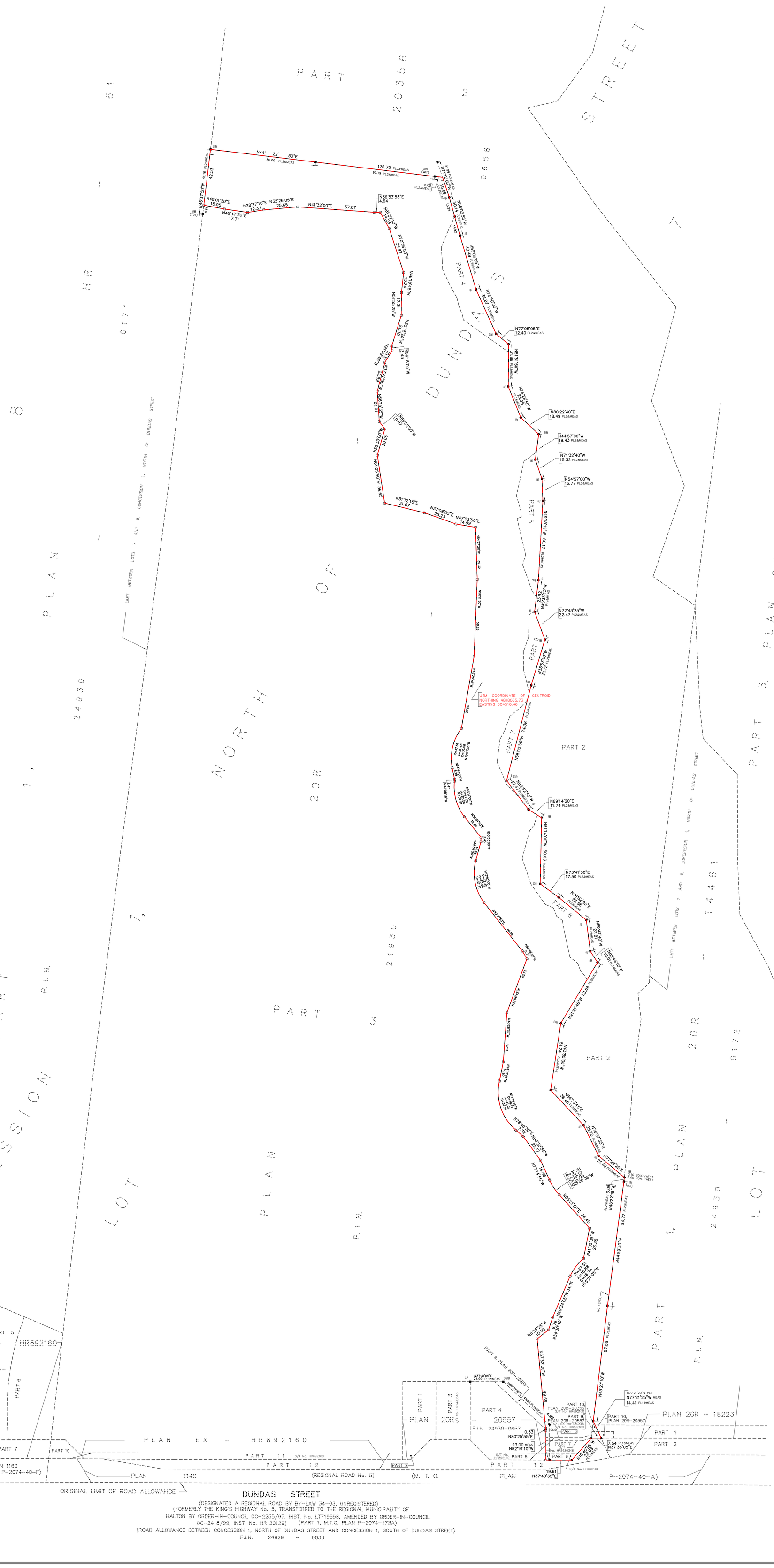
Client: BRESSA DEVELOPMENTS LTD.

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	July 2019
Rev. 0	Scale: As Shown	Project No.: 18-549-100	Figure No.: 4

Image/Map Source: *Google Satellite Image*

Appendix A





PLAN OF SURVEY OF
PART OF LOT 7
CONCESSION 1
(GEOGRAPHIC TOWNSHIP OF TRAFALGAR)
TOWN OF OAKVILLE
REGIONAL MUNICIPALITY OF HALTON

SCALE 1:1000

10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100metres

R-PE SURVEYING LTD., O.L.S.

METRIC

DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES

☐	DENOTES MONUMENT SET
■	DENOTES MONUMENT FOUND
SSIB	DENOTES SHORT STANDARD IRON BAR
SIB	DENOTES STANDARD IRON BAR
IB	DENOTES IRON BAR
IP	DENOTES IRON PIPE
P.I.N.	DENOTES PROPERTY IDENTIFIER NUMBER
(NI)	DENOTES NOT IDENTIFIED
(WIT)	DENOTES WITNESS
SCP	DENOTES SPECIFIED CONTROL POINT
PL1	DENOTES PLAN 20R-20557
PL2	DENOTES PLAN 20R-20356

BEARING NOTE

BEARINGS ARE GRID, UTM ZONE 17, NAD83 (ORIGINAL), DERIVED FROM:

SCP 10719990027	NORTH 4819957.108	EAST 602863.022
SCP 00119633660	NORTH 4818445.739	EAST 600361.085

COORDINATES ARE UTM ZONE 17, NAD83 (ORIGINAL), TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999707.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON THE _____ DAY OF __________ 2019.

DATE_______________ 2019

R. DENBROEDER
ONTARIO LAND SURVEYOR

R-PE SURVEYING LTD.
ONTARIO LAND SURVEYORS
643 Chrislea Road, Suite 7
Woodbridge, Ontario L4L 8A3
Tel.(416)635-5000 Fax (416)635-5001
Tel.(905)264-0881 Fax (905)264-2099
Website: www.r-pe.ca

DRAWN: S.L. CHECKED:
JOB No. 19-019 CAD FILE No. 19019RSC01

Appendix B

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Bressa* *1449 Dundas Street East* *Oakville ON L6H*
Project No:	*18-549-40*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20181016080*
Requested by:	*Ds Consultants Ltd.*
Date Completed:	*October 25, 2018*

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

www.erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Bressa* *1449 Dundas Street East Oakville ON L6H*
Project No:	*18-549-40*

Order Information:

Order No:	*20181016080*
Date Requested:	*October 16, 2018*
Requested by:	*Ds Consultants Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

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	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	N	-	-	-
CA	Certificates of Approval	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	N	-	-	-
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DRYCLEANERS	Dry Cleaning Facilities	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	1	0	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	0	1
EEM	Environmental Effects Monitoring	N	-	-	-
EHS	ERIS Historical Searches	N	-	-	-
EIIS	Environmental Issues Inventory System	N	-	-	-
EMHE	Emergency Management Historical Event	N	-	-	-
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	N	-	-	-
FCS	Contaminated Sites on Federal Land	N	-	-	-
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	1	0	1
FSTH	Fuel Storage Tank - Historic	Y	2	0	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	7	7
GHG	Greenhouse Gas Emissions from Large Facilities	N	-	-	-
HINC	TSSA Historic Incidents	Y	0	2	2
IAFT	Indian & Northern Affairs Fuel Tanks	N	-	-	-
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	N	-	-	-
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
MNR	Mineral Occurrences	N	-	-	-
NATE	National Analysis of Trends in Emergencies System (NATES)	N	-	-	-
NCPL	Non-Compliance Reports	N	-	-	-
NDFT	National Defense & Canadian Forces Fuel Tanks	N	-	-	-
NDSP	National Defense & Canadian Forces Spills	N	-	-	-
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	N	-	-	-
NEBW	National Energy Board Wells	N	-	-	-
NEES	National Environmental Emergencies System (NEES)	N	-	-	-
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	N	-	-	-
OOGW	Ontario Oil and Gas Wells	N	-	-	-
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	N	-	-	-
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	N	-	-	-
PES	Pesticide Register	Y	0	1	1
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	1	1	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	N	-	-	-
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	N	-	-	-
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	13	8	21
	Total:		19	19	38

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 7 con 1 ON ***Well ID:*** 2809325	-/0.0	-8.32	19
1	WWIS		lot 7 con 1 ON ***Well ID:*** 2809326	-/0.0	-8.32	22
1	WWIS		lot 7 con 1 ON ***Well ID:*** 2809464	-/0.0	-8.32	25
2	WWIS		ON ***Well ID:*** 7267217	-/0.0	-10.27	28
3	WWIS		ON ***Well ID:*** 7292005	-/0.0	-11.46	29
4	EASR	THE REGIONAL MUNICIPALITY OF HALTON	ON	-/0.0	-12.29	31
5	FST	WHITE OAKS GOLF CLUB LIMITED	1429 DUNDAS ST E OAKVILLE ON L6J 4Z2	-/0.0	-10.30	31
5	FSTH	WHITE OAKS GOLF CLUB LIMITED	1429 DUNDAS ST E OAKVILLE ON L6H 7G1	-/0.0	-10.30	31

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
5	FSTH	WHITE OAKS GOLF CLUB LIMITED	1429 DUNDAS ST E OAKVILLE ON L6H 7G1	-/0.0	-10.30	32
5	RSC		1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1 Oakville ON	-/0.0	-10.30	32
6	WWIS		ON ***Well ID:*** 7292003	-/0.0	-10.35	33
6	WWIS		ON ***Well ID:*** 7243201	-/0.0	-10.35	35
7	WWIS		Oakville ON ***Well ID:*** 7243204	-/0.0	-13.99	37
7	WWIS		ON ***Well ID:*** 7243203	-/0.0	-13.99	40
8	WWIS		ON ***Well ID:*** 7292002	-/0.0	-10.61	42
8	WWIS		Oakville ON ***Well ID:*** 7243202	-/0.0	-10.61	44
9	ECA	The Regional Municipality of Halton	1437 Dundas St E Oakville ON L6M 3L1	-/0.0	-12.46	47
10	WWIS		ON	-/0.0	-12.03	47

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
			Well ID: 7243205			
10	WWIS		ON ***Well ID:*** 7292004	-/0.0	-12.03	50

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	WWIS		OAKVILLE ON **Well ID:** 2810341	SE/5.1	-10.83	51
12	HINC		2481 LYNDHURST DRIVE OAKVILLE ON L6H 7V8	ESE/74.1	-10.82	54
13	WWIS		lot 8 con 1 ON **Well ID:** 2805268	SE/96.0	-10.07	54
14	WWIS		lot 9 con 2 OAKVILLE ON **Well ID:** 7293973	WNW/99.3	4.40	57
15	HINC		2493 LYNDHURST OAKVILLE ON L6H 7V8	ESE/117.8	-9.95	59
16	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/129.5	-9.05	59
16	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/129.5	-9.05	59
16	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/129.5	-9.05	60
16	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	SE/129.5	-9.05	60
16	GEN	LMS Group Ltd	1297 Dundas Street East Oakville ON	SE/129.5	-9.05	60
16	GEN	Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	SE/129.5	-9.05	61
16	GEN	Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	SE/129.5	-9.05	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	PES	ARTHEX LANDSCAPE CONTRACTORS	1297 DUNDAS ST E OAKVILLE ON L6H 7G1	SE/129.5	-9.05	61
17	WWIS		lot 8 con 2 ON ***Well ID:*** 7115131	WNW/162.3	5.31	61
18	WWIS		lot 6 con 1 ON ***Well ID:*** 2806336	E/188.2	-9.99	66
19	WWIS		lot 9 con 2 ON ***Well ID:*** 2802195	W/211.2	4.05	70
20	WWIS		lot 8 con 1 ON ***Well ID:*** 2805267	SE/217.7	-7.63	72
21	RSC	Dunoak Developments Inc.	No Municipal Address OAKVILLE ON	SSE/228.5	1.81	75
22	WWIS		lot 7 con 1 OAKVILLE ON ***Well ID:*** 2810168	SE/244.7	-12.72	76

Executive Summary: Summary By Data Source

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Aug 31, 2018 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
THE REGIONAL MUNICIPALITY OF HALTON	ON	0.0	4

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Aug 31, 2018 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
The Regional Municipality of Halton	1437 Dundas St E Oakville ON L6M 3L1	0.0	9

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 1 FST site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
WHITE OAKS GOLF CLUB LIMITED	1429 DUNDAS ST E OAKVILLE ON L6J 4Z2	0.0	5

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
WHITE OAKS GOLF CLUB LIMITED	1429 DUNDAS ST E OAKVILLE ON L6H 7G1	0.0	5

Site	Address	Distance (m)	Map Key
WHITE OAKS GOLF CLUB LIMITED	1429 DUNDAS ST E OAKVILLE ON L6H 7G1	0.0	5

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-June 30, 2018 has found that there are 7 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
LMS Group Ltd	1297 Dundas Street East Oakville ON	129.5	16
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	129.5	16
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	129.5	16
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	129.5	16
LMS Group Ltd	1297 Dundas Street East Oakville ON L6H 7G1	129.5	16
Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	129.5	16
Arthex Landscape Contractors Limited	1297 Dundas Street East Oakville ON L6H 7G1	129.5	16

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2481 LYNDHURST DRIVE OAKVILLE ON L6H 7V8	74.1	12
	2493 LYNDHURST OAKVILLE ON L6H 7V8	117.8	15

PES - Pesticide Register

A search of the PES database, dated 1988-Mar 2018 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ARTHEX LANDSCAPE CONTRACTORS	1297 DUNDAS ST E OAKVILLE ON L6H 7G1	129.5	16

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Sep 2018 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1 Oakville ON	0.0	5
Dunoak Developments Inc.	No Municipal Address OAKVILLE ON	228.5	21

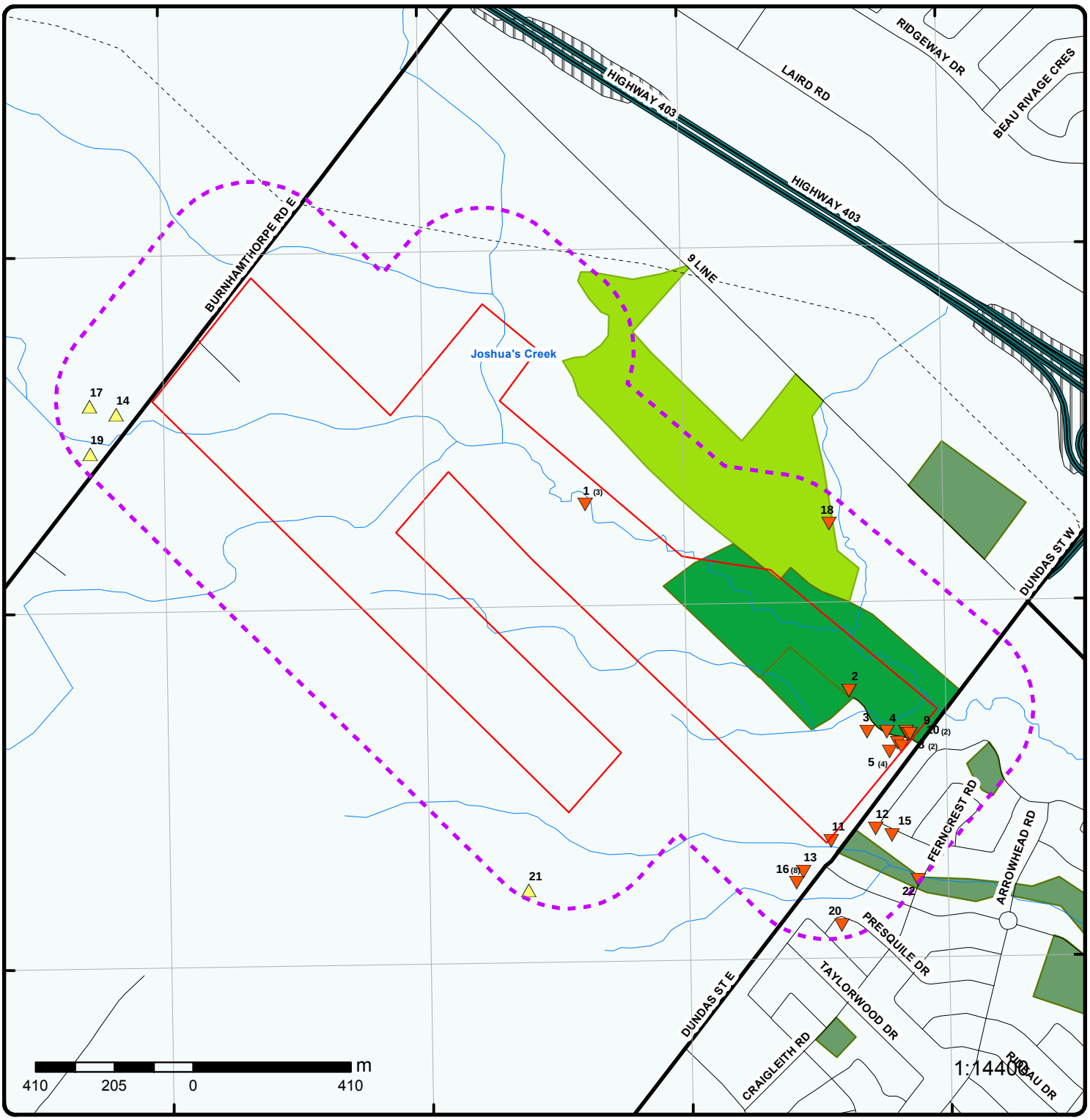
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 21 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 7 con 1 ON ***Well ID:*** 2809464	0.0	1

Site	Address	Distance (m)	Map Key
	lot 7 con 1 ON ***Well ID:*** 2809325	0.0	1
	lot 7 con 1 ON ***Well ID:*** 2809326	0.0	1
	ON ***Well ID:*** 7267217	0.0	2
	ON ***Well ID:*** 7292005	0.0	3
	ON ***Well ID:*** 7243201	0.0	6
	ON ***Well ID:*** 7292003	0.0	6
	ON ***Well ID:*** 7243203	0.0	7
	Oakville ON ***Well ID:*** 7243204	0.0	7
	Oakville ON ***Well ID:*** 7243202	0.0	8
	ON ***Well ID:*** 7292002	0.0	8
	ON ***Well ID:*** 7292004	0.0	10
	ON	0.0	10

Site	Address	Distance (m)	Map Key
	Well ID: 7243205		
	OAKVILLE ON ***Well ID:*** 2810341	5.1	11
	lot 8 con 1 ON ***Well ID:*** 2805268	96.0	13
	lot 9 con 2 OAKVILLE ON ***Well ID:*** 7293973	99.3	14
	lot 8 con 2 ON ***Well ID:*** 7115131	162.3	17
	lot 6 con 1 ON ***Well ID:*** 2806336	188.2	18
	lot 9 con 2 ON ***Well ID:*** 2802195	211.2	19
	lot 8 con 1 ON ***Well ID:*** 2805267	217.7	20
	lot 7 con 1 OAKVILLE ON ***Well ID:*** 2810168	244.7	22



Map : 0.25 Kilometer Radius

Order No: 20181016080

Address: 1449 Dundas Street East, Oakville, ON, L6H

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

79°43'30"W

79°42'W

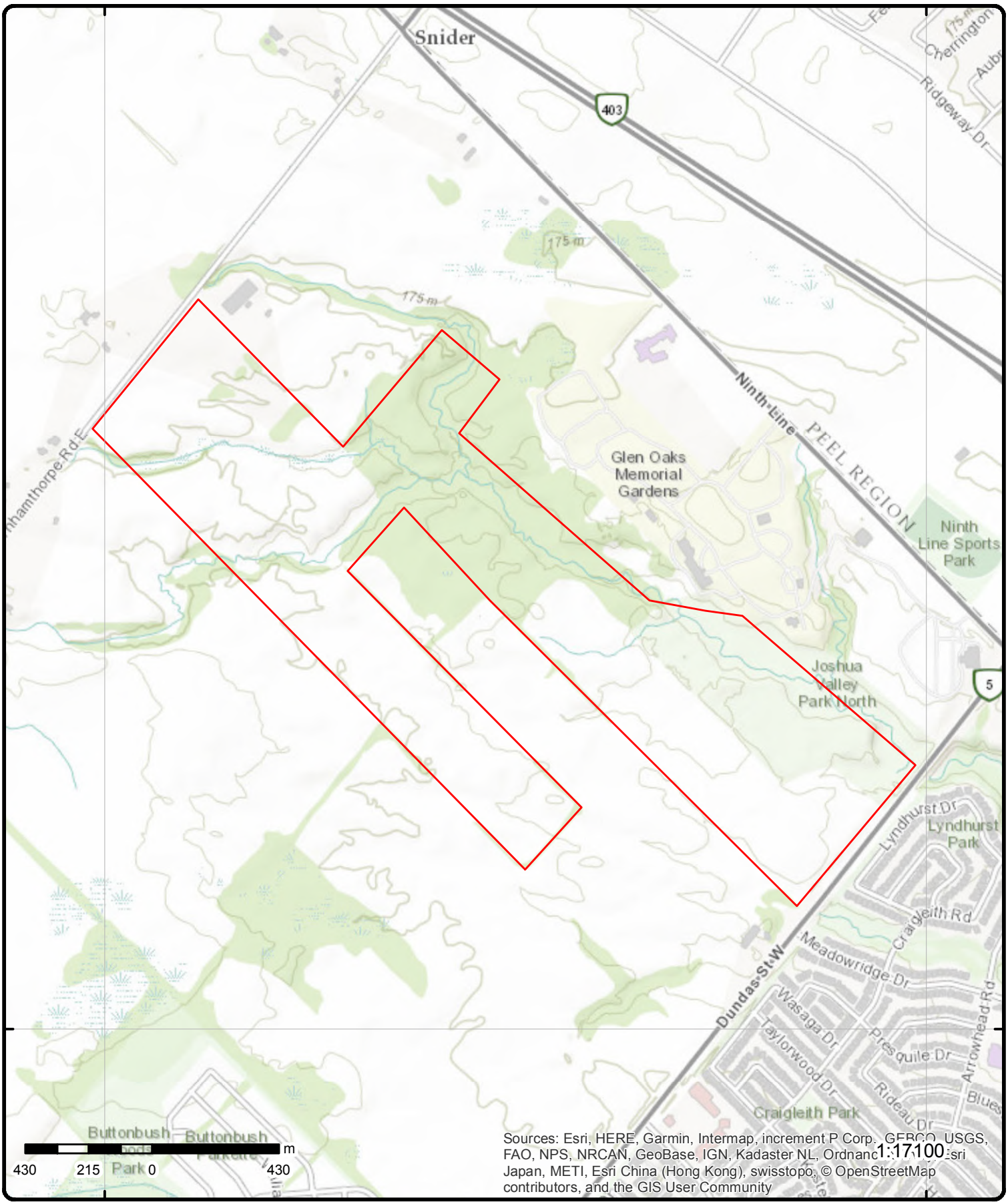
Aerial (2017)

Address: 1449 Dundas Street East, Oakville, ON, L6H

Source: ESRI World Imagery

Order No: 20181016080

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 1449 Dundas Street East, Oakville, ON, L6H

Source: ESRI World Topographic Map

Order No: 20181016080

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 3	-/0.0	162.6 / -8.32	lot 7 con 1 ON	WWIS

Well ID: 2809325
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 207026
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/26/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 4868
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 007
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10155581
DP2BR: 28
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 09-MAR-01
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 162.36
Elevrc:
Zone: 17
East83: 604148.3
Org CS:
North83: 4818336
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock Materials Interval

Formation ID: 931455102
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES

Mat3:	90
Other Materials:	VERY
Formation Top Depth:	1
Formation End Depth:	28
Formation End Depth UOM:	ft
Formation ID:	931455103
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	28
Formation End Depth:	40
Formation End Depth UOM:	ft
Formation ID:	931455101
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933140622
Layer:	1
Plug From:	0
Plug To:	40
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962809325
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10704151
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930264698
Layer:	1

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

Results of Well Yield Testing

Pump Test ID: 992809325
Pump Set At:
Static Level: 5
Final Level After Pumping: 15
Recommended Pump Depth: 35
Pumping Rate: 2
Flowing Rate:
Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934175723
Test Type: Recovery
Test Duration: 15
Test Level: 11
Test Level UOM: ft

Pump Test Detail ID: 934716616
Test Type: Recovery
Test Duration: 45
Test Level: 5
Test Level UOM: ft

Pump Test Detail ID: 934458118
Test Type: Recovery
Test Duration: 30
Test Level: 5
Test Level UOM: ft

Pump Test Detail ID: 934977977
Test Type: Recovery
Test Duration: 60
Test Level: 5
Test Level UOM: ft

Water Details

Water ID: 933613521
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 37
Water Found Depth UOM: ft

Water ID: 933613520

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	28
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 3	-/0.0	162.6 / -8.32	lot 7 con 1 ON	WWIS

Well ID:	2809326	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	3/26/2001
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	4868
Casing Material:		**Form Version:**	1
Audit No:	207025	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	007
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10155582	**Elevation:**	162.36
DP2BR:	27	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	604148.3
Code OB Desc:	Bedrock	**Org CS:**	
Open Hole:		**North83:**	4818336
Cluster Kind:		**UTMRC:**	9
Date Completed:	08-MAR-01	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931455107
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	27

Formation End Depth:	50
Formation End Depth UOM:	ft
Formation ID:	931455105
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	25
Formation End Depth UOM:	ft
Formation ID:	931455106
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	28
Other Materials:	SAND
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	25
Formation End Depth:	27
Formation End Depth UOM:	ft
Formation ID:	931455104
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933140623
Layer:	1
Plug From:	0
Plug To:	50
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962809326
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID: 10704152
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264699
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809326
Pump Set At:
Static Level: 8
Final Level After Pumping: 29
Recommended Pump Depth:
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 15
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934458119
Test Type: Recovery
Test Duration: 30
Test Level: 14
Test Level UOM: ft

Pump Test Detail ID: 934175724
Test Type: Recovery
Test Duration: 15
Test Level: 19
Test Level UOM: ft

Pump Test Detail ID: 934716617
Test Type: Recovery
Test Duration: 45
Test Level: 11
Test Level UOM: ft

Pump Test Detail ID: 934977978
Test Type: Recovery
Test Duration: 60
Test Level: 8
Test Level UOM: ft

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

Water Details

Water ID:	933613522
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	27
Water Found Depth UOM:	ft

Water ID:	933613523
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36
Water Found Depth UOM:	ft

Water ID:	933613524
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

1	***3 of 3***	***-/0.0***	***162.6 / -8.32***	***lot 7 con 1 ON***	***WWIS***

Well ID:	2809464	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	10/15/2001
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4868
Casing Material:		***Form Version:***	1
Audit No:	207028	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	007
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10518518	***Elevation:***	162.36
DP2BR:	25	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	604148.3
Code OB Desc:	Bedrock	***Org CS:***	
Open Hole:		***North83:***	4818336
Cluster Kind:		***UTMRC:***	9
Date Completed:	28-MAY-01	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932838753
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	23
Formation End Depth:	25
Formation End Depth UOM:	ft

Formation ID:	932838754
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	25
Formation End Depth:	40
Formation End Depth UOM:	ft

Formation ID:	932838752
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	90
Other Materials:	VERY
Formation Top Depth:	1
Formation End Depth:	23
Formation End Depth UOM:	ft

Formation ID:	932838751
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221236
Layer: 1
Plug From: 0
Plug To: 12
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809464
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11067088
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264841
Layer: 2
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To:
Casing Diameter: 36
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930264840
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 48
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930264842
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 42
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809464
Pump Set At:
Static Level: 5
Final Level After Pumping: 28
Recommended Pump Depth: 34
Pumping Rate: 3

Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	30
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934175794
Test Type:	Recovery
Test Duration:	15
Test Level:	27
Test Level UOM:	ft
Pump Test Detail ID:	934716685
Test Type:	Recovery
Test Duration:	45
Test Level:	25
Test Level UOM:	ft
Pump Test Detail ID:	934978045
Test Type:	Recovery
Test Duration:	60
Test Level:	24
Test Level UOM:	ft
Pump Test Detail ID:	934458186
Test Type:	Recovery
Test Duration:	30
Test Level:	26
Test Level UOM:	ft

Water Details

Water ID:	934010595
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37
Water Found Depth UOM:	ft
Water ID:	934010594
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25
Water Found Depth UOM:	ft

2	***1 of 1***	***-/0.0***	***160.6 / -10.27***	***ON***	***WWIS***

Well ID:	7267217	***Data Entry Status:***	Yes
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	7/20/2016
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	6607
Casing Material:		***Form Version:***	8

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

Audit No:	C25853	**Owner:**	
Tag:	A175328	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006162142	**Elevation:**	161.57
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604834
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817854
Cluster Kind:		**UTMRC:**	4
Date Completed:	19-JAN-15	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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3 ***1 of 1*** ***-/0.0*** ***159.4 / -11.46*** ***ON*** ***WWIS***

Well ID:	7292005	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/8/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6875
Casing Material:		**Form Version:**	7
Audit No:	Z259216	**Owner:**	
Tag:	A182387	**Street Name:**	1437 DUNDAS ST E
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006703761	**Elevation:**	163.49
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		**East83:**	604881
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817747
Cluster Kind:		**UTMRC:**	4
Date Completed:	12-JUN-17	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1006818558
Layer: 1
Plug From: 0
Plug To: 10.7
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006818557
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006818550
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006818554
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 7.7
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006818555
Layer: 1
Slot:
Screen Top Depth: 7.7
Screen End Depth: 10.7
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

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

Water Details

Water ID:	1006818553
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006818552
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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4 | ***1 of 1*** | ***-/0.0*** | ***158.6 / -12.29*** | ***THE REGIONAL MUNICIPALITY OF HALTON*** | ***EASR***

ON

Approval No:	R-009-5110236982	***SWP Area Name:***	Halton
Status:	REGISTERED	***MOE District:***	Halton-Peel
Date:	2017-09-19	***City:***	
Record Type:	EASR	***Latitude:***	43.50527778
Link Source:	MOFA	***Longitude:***	-79.70194444
Full Address:			
Project Type:	Water Taking - Construction Dewatering		
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2043236		

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5 | ***1 of 4*** | ***-/0.0*** | ***160.6 / -10.30*** | ***WHITE OAKS GOLF CLUB LIMITED***
1429 DUNDAS ST E
OAKVILLE ON L6J 4Z2 | ***FST***

Instance No:	11640236
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Diesel
Status:	Active
Capacity:	1360
Tank Material:	Steel
Corrosion Protection:	Painted
Tank Type:	Single Wall Horizontal AST
Install Year:	NULL
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve
Facility Type:	FS Liquid Fuel Tank

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5 | ***2 of 4*** | ***-/0.0*** | ***160.6 / -10.30*** | ***WHITE OAKS GOLF CLUB LIMITED***
1429 DUNDAS ST E
OAKVILLE ON L6H 7G1 | ***FSTH***

License Issue Date:	7/12/2001
Tank Status:	Licensed
Tank Status As Of:	December 2008
Operation Type:	Private Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

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

--Details--
Status: Active
Year of Installation:
Corrosion Protection:
Capacity: 1360
Tank Fuel Type: Liquid Fuel Single Wall AST - Diesel

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	3 of 4	-/0.0	160.6 / -10.30	***WHITE OAKS GOLF CLUB LIMITED*** ***1429 DUNDAS ST E*** ***OAKVILLE ON L6H 7G1***	***FSTH***

License Issue Date: 7/12/2001
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation:
Corrosion Protection:
Capacity: 1360
Tank Fuel Type: Liquid Fuel Single Wall AST - Diesel

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	4 of 4	-/0.0	160.6 / -10.30	***1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1*** ***Oakville ON***	***RSC***

Reg No: 222461
RA No:
RSC Type: Phase 1 RSC
Curr Property Use: Agricultural/Other
District Office: Halton-Peel District Office
Date Submitted: 2016/08/26
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:
Cert Date:
Cert Prop Use No:
Intended Prop Use: Residential
Nm of Qual. Person: DAVID HOFBAUER
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:
Asmt Roll No: 240101002005400, 240101002001600
Prop. ID No: 24930-0167 (LT)
Property Municipal Address: 1345-1429 DUNDAS STREET EAST, OAKVILLE, ON L6H 7G1
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Filing Owner: BRESSA DEVELOPMENTS LIMITED
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69498&fileName=BROWNFIELDS-E.pdf

--Details--
Document Heading: Supporting Documents
Document Type: A Current plan of Survey
Document Name: Bressa-Plan 20R-20356 marked.pdf

Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69492&fileName=Bressa-Plan+20R-20356+marked.pdf
Document Heading:	Supporting Documents
Document Type:	Copy of any deed(s), transfer(s) or other document(s)
Document Name:	Transfer.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69495&fileName=Transfer.pdf
Document Heading:	Supporting Documents
Document Type:	Table of Current and Past Property Use
Document Name:	CP Table.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69755&fileName=CP+Table.pdf
Document Heading:	Supporting Documents
Document Type:	Lawyer's letter consisting of a legal description of the property
Document Name:	lawyer letter.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69491&fileName=lawyer+letter.pdf
Document Heading:	Supporting Documents
Document Type:	Certificate of Status
Document Name:	Cert of Status.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69499&fileName=Cert+of+Status.pdf
Document Heading:	Supporting Documents
Document Type:	Phase 1 Conceptual Site Model
Document Name:	Phase One CSM.pdf
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument?attachmentId=69490&fileName=Phase+One+CSM.pdf

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6 | ***1 of 2*** | ***-/0.0*** | ***160.6 / -10.35*** | ***ON*** | ***WWIS***

Well ID:	7292003	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/8/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6875
Casing Material:		**Form Version:**	7
Audit No:	Z259214	**Owner:**	
Tag:	A182434	**Street Name:**	1437 DUNDAS ST E
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006703755	**Elevation:**	162.22
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604959

Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817718
Cluster Kind:		**UTMRC:**	4
Date Completed:	12-JUN-17	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1006818501
Layer: 1
Plug From: 0
Plug To: 15.3
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006818500
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006818493
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006818497
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 13.8
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006818498
Layer: 1
Slot:
Screen Top Depth: 13.8
Screen End Depth: 15.3
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 1006818496
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006818495
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

---

6 **2 of 2** **-/0.0** **160.6 / -10.35** **ON** **WWIS**

Well ID: 7243201
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z211380
Tag: A182434
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/18/2015
Selected Flag: Yes
Abandonment Rec:
Contractor: 7472
Form Version: 7
Owner:
Street Name: DUNDAS EAST AT FORMER WHITE'S OAK GULF COURSE
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005427411
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 16-MAY-15
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 162.23
Elevrc:
Zone: 17
East83: 604959
Org CS: UTM83
North83: 4817718
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock

Materials Interval

Formation ID:	1005619071
Layer:	3
Color:	7
General Color:	RED
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	12.2
Formation End Depth:	15.3
Formation End Depth UOM:	m

Formation ID:	1005619070
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	6.1
Formation End Depth:	12.2
Formation End Depth UOM:	m

Formation ID:	1005619069
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	6.1
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005619078
Layer:	1
Plug From:	0
Plug To:	13.5
Plug Depth UOM:	m

Plug ID:	1005619079
Layer:	2
Plug From:	13.5
Plug To:	15.3
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005619077
Method Construction Code:	6

Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005619068
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005619074
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 13.8
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005619075
Layer: 1
Slot: 10
Screen Top Depth: 13.8
Screen End Depth: 15.3
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 1005619073
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005619072
Diameter: 21
Depth From: 0
Depth To: 15.3
Hole Depth UOM: m
Hole Diameter UOM: cm

---

7 ***1 of 2*** ***-/0.0*** ***156.9 / -13.99*** ***Oakville ON*** ***WWIS***

Well ID:	7243204	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	6/18/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7472

Casing Material:		**Form Version:**	7
Audit No:	Z211377	**Owner:**	
Tag:	A182387	**Street Name:**	1345 DUNDAS EAST FORMER WHITE OAKS GULF COURSE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005427420	**Elevation:**	160.4
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604981
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817747
Cluster Kind:		**UTMRC:**	4
Date Completed:	16-MAY-15	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005619120
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	6.1
Formation End Depth:	12.2
Formation End Depth UOM:	m

Formation ID:	1005619119
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	6.1

Formation End Depth UOM:	m
Formation ID:	1005619121
Layer:	3
Color:	7
General Color:	RED
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	12.2
Formation End Depth:	15.3
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005619129
Layer:	2
Plug From:	12
Plug To:	15.3
Plug Depth UOM:	m
Plug ID:	1005619128
Layer:	1
Plug From:	0
Plug To:	12
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005619127
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1005619118
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005619124
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	12.3
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005619125
Layer:	1

Slot:	10
Screen Top Depth:	12.3
Screen End Depth:	15.3
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4

Water Details

Water ID:	1005619123
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005619122
Diameter:	21
Depth From:	0
Depth To:	15.3
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

7 **2 of 2** **-/0.0** **156.9 / -13.99** **ON** **WWIS**

Well ID:	7243203	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/18/2015
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z211378	**Owner:**	
Tag:	A182387	**Street Name:**	DUNDAS EAST FORMER WHITE OAKS GULF COURSE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005427417	**Elevation:**	160.4
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604981
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817747
Cluster Kind:		**UTMRC:**	4
Date Completed:	16-MAY-15	**UTMRC Desc:**	margin of error : 30 m - 100 m

Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1005619094
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 6.1
Formation End Depth: 10.7
Formation End Depth UOM: m

Formation ID: 1005619093
Layer: 1
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 6.1
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005619102
Layer: 2
Plug From: 7.4
Plug To: 10.7
Plug Depth UOM: m

Plug ID: 1005619101
Layer: 1
Plug From: 0
Plug To: 7.4
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005619100
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID:	1005619092
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005619097
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	7.7
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005619098
Layer:	1
Slot:	10
Screen Top Depth:	7.7
Screen End Depth:	10.7
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4

Water Details

Water ID:	1005619096
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005619095
Diameter:	21
Depth From:	0
Depth To:	10.7
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

8 ***1 of 2*** ***-/0.0*** ***160.3 / -10.61*** ***ON*** ***WWIS***

Well ID:	7292002	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	8/8/2017
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	6875
Casing Material:		***Form Version:***	7
Audit No:	Z259213	***Owner:***	
Tag:	A182386	***Street Name:***	1437 DUNDAS ST E

Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006703752	**Elevation:**	162.12
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604969
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817709
Cluster Kind:		**UTMRC:**	4
Date Completed:	12-JUN-17	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006818492
Layer:	1
Plug From:	0
Plug To:	153
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006818491
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006818484
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006818488
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0

Depth To:	12.3
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006818489
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1006818487
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006818486
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

8 **2 of 2** **-/0.0** **160.3 / -10.61** **Oakville ON** **WWIS**

Well ID:	7243202	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/18/2015
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7472
Casing Material:		**Form Version:**	7
Audit No:	Z211376	**Owner:**	
Tag:	A182386	**Street Name:**	DUNDAS EAST AT FORMER WHITE OAKS GULF COURSE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005427414	**Elevation:**	162.12
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604969
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817709
Cluster Kind:		**UTMRC:**	4
Date Completed:	16-MAY-15	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1005619083
Layer:	3
Color:	7
General Color:	RED
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	12.2
Formation End Depth:	15.3
Formation End Depth UOM:	m

Formation ID:	1005619082
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	6.1
Formation End Depth:	12.2
Formation End Depth UOM:	m

Formation ID:	1005619081
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	6.1
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1005619090
Layer: 1
Plug From: 0
Plug To: 12
Plug Depth UOM: m

Plug ID: 1005619091
Layer: 2
Plug From: 12
Plug To: 15.3
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005619089
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005619080
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005619086
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 12.3
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005619087
Layer: 1
Slot: 1
Screen Top Depth: 12.3
Screen End Depth: 15.3
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 1005619085
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

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

Hole Diameter

Hole ID:	1005619084
Diameter:	21
Depth From:	0
Depth To:	15.3
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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9 | ***1 of 1*** | ***-/0.0*** | ***158.4 / -12.46*** | ***The Regional Municipality of Halton***
1437 Dundas St E
Oakville ON L6M 3L1 | ***ECA***

Approval No:	5141-AHAKHE	***SWP Area Name:***	
Approval Date:	2017-01-18	***MOE District:***	
Status:	Approved	***City:***	Oakville
Record Type:	ECA	***Longitude:***	
Link Source:	IDS	***Latitude:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	1437 Dundas St E		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0716-AGSR5T-14.pdf		

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10 | ***1 of 2*** | ***-/0.0*** | ***158.9 / -12.03*** | ***ON*** | ***WWIS***

Well ID:	7243205	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	6/18/2015
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7472
Casing Material:		***Form Version:***	7
Audit No:	Z211379	***Owner:***	
Tag:	A182435	***Street Name:***	1345 DUNDAS EAST FORMER WHITS OAKS GULF COURSE
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005427423	***Elevation:***	160.43
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	604992
Code OB Desc:		***Org CS:***	UTM83
Open Hole:		***North83:***	4817739
Cluster Kind:		***UTMRC:***	4
Date Completed:	16-MAY-15	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 1005619145
Layer: 1
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 6.1
Formation End Depth UOM: m

Formation ID: 1005619147
Layer: 3
Color: 7
General Color: RED
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 13.7
Formation End Depth: 14.3
Formation End Depth UOM: m

Formation ID: 1005619146
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 6.1
Formation End Depth: 13.7
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005619155
Layer: 2
Plug From: 12.5
Plug To: 14.3
Plug Depth UOM: m

Plug ID: 1005619154
Layer: 1
Plug From: 0
Plug To: 12.5

Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005619153
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005619144
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005619150
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 12.8
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005619151
Layer: 1
Slot: 10
Screen Top Depth: 12.8
Screen End Depth: 14.3
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 1005619149
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005619148
Diameter: 21
Depth From: 0
Depth To: 14.3
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	2 of 2	-/0.0	158.9 / -12.03	ON	WWIS

Well ID:	7292004	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/8/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6875
Casing Material:		**Form Version:**	7
Audit No:	Z259215	**Owner:**	
Tag:		**Street Name:**	1437 DUNDAS ST E
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006703758	**Elevation:**	160.44
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	604992
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4817739
Cluster Kind:		**UTMRC:**	4
Date Completed:	12-JUN-17	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006818510
Layer:	1
Plug From:	0
Plug To:	14.3
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006818509
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006818502

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006818506
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 12.8
Casing Diameter: 5.2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006818507
Layer: 1
Slot:
Screen Top Depth: 12.8
Screen End Depth: 14.3
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.4

Water Details

Water ID: 1006818505
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006818504
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

11 ***1 of 1*** ***SE/5.1*** ***160.1 / -10.83*** ***OAKVILLE ON*** ***WWIS***

Well ID:	2810341	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	9/7/2005
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6809
Casing Material:		***Form Version:***	3
Audit No:	Z33983	***Owner:***	
Tag:	A023182	***Street Name:***	DUNDAS STREET
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	

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

Bore Hole Information

Bore Hole ID:	11319296	***Elevation:***	162.32
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	604787
Code OB Desc:	Bedrock	***Org CS:***	UTM83
Open Hole:		***North83:***	4817463
Cluster Kind:		***UTMRC:***	4
Date Completed:	03-AUG-05	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933007551
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	18
Formation End Depth UOM:	ft

Formation ID:	933007550
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	7
Formation End Depth UOM:	ft

Formation ID:	933007549
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933276183
Layer: 3
Plug From: 11
Plug To: 18
Plug Depth UOM: ft

Plug ID: 933276184
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Plug ID: 933276182
Layer: 2
Plug From: 2
Plug To: 11
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962810341
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11334151
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930860285
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 13
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933414432
Layer: 1
Slot: 10
Screen Top Depth: 13
Screen End Depth: 18

Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Hole Diameter

Hole ID:	11537870
Diameter:	8.25
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

12 | ***1 of 1*** | ***ESE/74.1*** | ***160.1 / -10.82*** | ***2481 LYNDHURST DRIVE OAKVILLE ON L6H 7V8*** | ***HINC***

External File Num:	FS INC 0611-03788
Date of Occurrence:	11/7/2006
Fuel Occurrence Type:	Pipeline Strike
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - No Action Required
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Halton
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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13 | ***1 of 1*** | ***SE/96.0*** | ***160.8 / -10.07*** | ***lot 8 con 1 ON*** | ***WWIS***

Well ID:	2805268	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	9/16/1978
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3637
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	008
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10151765	***Elevation:***	163.65
DP2BR:	9	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	604714.6
Code OB Desc:	Bedrock	***Org CS:***	
Open Hole:		***North83:***	4817383
Cluster Kind:		***UTMRC:***	4
Date Completed:	27-APR-78	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931439031
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	9
Formation End Depth UOM:	ft

Formation ID:	931439032
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	90
Other Materials:	VERY
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	9
Formation End Depth:	20
Formation End Depth UOM:	ft

Formation ID:	931439030
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962805268
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10700335
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930257995
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	20
Casing Diameter:	24
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930257994
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	12
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992805268
Pump Set At:	
Static Level:	5
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N

Water Details

Water ID:	933608437
Layer:	1
Kind Code:	1
Kind:	FRESH

Water Found Depth:	10
Water Found Depth UOM:	ft
Water ID:	933608438
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	19
Water Found Depth UOM:	ft

14 **1 of 1** **WNW/99.3** **175.3 / 4.40** **lot 9 con 2 OAKVILLE ON** **WWIS**

Well ID:	7293973	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	9/1/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Quality	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7407
Casing Material:		**Form Version:**	7
Audit No:	Z247288	**Owner:**	
Tag:		**Street Name:**	1187 BURNHAMTHORPE R. E.
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	MILTON TOWN (TRAFALGAR)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	009
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006716844	**Elevation:**	178.3
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602929
Code OB Desc:		**Org CS:**	G83dd
Open Hole:		**North83:**	4818570
Cluster Kind:		**UTMRC:**	4
Date Completed:	26-JUL-17	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006775904
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID: 1006775903
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006775895
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006775899
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: 0
Depth To: 10
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 1006775900
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: 0
Depth To: 10
Casing Diameter: 36
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006775901
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006775898
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006775897
Diameter:
Depth From:

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

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15 | **1 of 1** | **ESE/117.8** | **161.0 / -9.95** | **2493 LYNDHURST OAKVILLE ON L6H 7V8** | **HINC**

External File Num: FS INC 0701-00193
Date of Occurrence: 12/13/2006
Fuel Occurrence Type: Pipeline Strike
Fuel Type Involved: Natural Gas
Status Desc: Completed - No Action Required
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Private Dwelling
Service Interruptions: Yes
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause:
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Halton
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

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16 | **1 of 8** | **SE/129.5** | **161.9 / -9.05** | **LMS Group Ltd 1297 Dundas Street East Oakville ON L6H 7G1** | **GEN**

Generator No.: ON9940070
Status: Registered
Approval Years: As of Jun 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

Waste Code: 251 L
Waste Description: Waste oils/sludges (petroleum based)

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16 | **2 of 8** | **SE/129.5** | **161.9 / -9.05** | **LMS Group Ltd 1297 Dundas Street East Oakville ON L6H 7G1** | **GEN**

Generator No.: ON9940070
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 561730
SIC Description: LANDSCAPING SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Tracey Campbell
Phone No. Admin: 905-257-3009 Ext.

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

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

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16 ***3 of 8*** ***SE/129.5*** ***161.9 / -9.05*** ***LMS Group Ltd***
1297 Dundas Street East
Oakville ON L6H 7G1 ***GEN***

Generator No.: ON9940070
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 561730
SIC Description: LANDSCAPING SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Tracey Campbell
Phone No. Admin: 905-257-3009 Ext.

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

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16 ***4 of 8*** ***SE/129.5*** ***161.9 / -9.05*** ***LMS Group Ltd***
1297 Dundas Street East
Oakville ON L6H 7G1 ***GEN***

Generator No.: ON9940070
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 561730
SIC Description: LANDSCAPING SERVICES

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Tracey Campbell
Phone No. Admin: 905-257-3009 Ext.

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

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16 ***5 of 8*** ***SE/129.5*** ***161.9 / -9.05*** ***LMS Group Ltd***
1297 Dundas Street East
Oakville ON ***GEN***

Generator No.: ON9940070
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 561730
SIC Description: Landscaping Services

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	6 of 8	SE/129.5	161.9 / -9.05	Arthex Landscape Contractors Limited 1297 Dundas Street East Oakville ON L6H 7G1	GEN

Generator No.: ON2958174
Status:
Approval Years: 06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 811411
SIC Description: Home and Garden Equipment Repair and Maintenance

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	7 of 8	SE/129.5	161.9 / -9.05	Arthex Landscape Contractors Limited 1297 Dundas Street East Oakville ON L6H 7G1	GEN

Generator No.: ON2958174
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 811411
SIC Description: Home and Garden Equipment Repair and Maintenance

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

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	8 of 8	SE/129.5	161.9 / -9.05	ARTHEX LANDSCAPE CONTRACTORS 1297 DUNDAS ST E OAKVILLE ON L6H 7G1	PES

Licence No:
Detail Licence No:
Licence Type Code: 02
Licence Type: Operator
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:
Region:
District:
County:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	WNW/162.3	176.2 / 5.31	lot 8 con 2 ON	WWIS

Well ID: 7115131
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:

Data Entry Status:
Data Src:
Date Received: 11/26/2008
Selected Flag: Yes
Abandonment Rec:
Contractor: 4005

Casing Material:		***Form Version:***	4
Audit No:	Z79458	***Owner:***	
Tag:	A070724	***Street Name:***	1187 BURNHAMTHORPE E
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	008
Well Depth:		***Concession:***	02
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

Bore Hole ID:	1001885678	***Elevation:***	178.6
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602861
Code OB Desc:		***Org CS:***	UTM83
Open Hole:	Y	***North83:***	4818591
Cluster Kind:		***UTMRC:***	3
Date Completed:	04-NOV-08	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002558268
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7.62
Formation End Depth:	21.33
Formation End Depth UOM:	m

Formation ID:	1002558266
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3.04
Formation End Depth UOM:	m

Formation ID:	1002558267
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3.04
Formation End Depth:	7.62
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1002558270
Layer:	1
Plug From:	0
Plug To:	6
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002558300
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1002558264
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002558272
Layer:	
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	7.62
Casing Diameter:	15.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002558273
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002558265
Pump Set At:	20.5
Static Level:	8.83
Final Level After Pumping:	
Recommended Pump Depth:	20.5
Pumping Rate:	4.54
Flowing Rate:	
Recommended Pump Rate:	4.54
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	4
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1002558276
Test Type:	Draw Down
Test Duration:	2
Test Level:	10.5
Test Level UOM:	m
Pump Test Detail ID:	1002558284
Test Type:	Draw Down
Test Duration:	10
Test Level:	11.23
Test Level UOM:	m
Pump Test Detail ID:	1002558291
Test Type:	Recovery
Test Duration:	25
Test Level:	9.81
Test Level UOM:	m
Pump Test Detail ID:	1002558283
Test Type:	Recovery
Test Duration:	5
Test Level:	12.4
Test Level UOM:	m
Pump Test Detail ID:	1002558289
Test Type:	Recovery
Test Duration:	20
Test Level:	10.45
Test Level UOM:	m
Pump Test Detail ID:	1002558290
Test Type:	Draw Down
Test Duration:	25
Test Level:	12.86
Test Level UOM:	m
Pump Test Detail ID:	1002558296
Test Type:	Draw Down
Test Duration:	50
Test Level:	14.66
Test Level UOM:	m
Pump Test Detail ID:	1002558298

Test Type:	Draw Down
Test Duration:	60
Test Level:	15.08
Test Level UOM:	m
Pump Test Detail ID:	1002558274
Test Type:	Draw Down
Test Duration:	1
Test Level:	10.36
Test Level UOM:	m
Pump Test Detail ID:	1002558275
Test Type:	Recovery
Test Duration:	1
Test Level:	13.47
Test Level UOM:	m
Pump Test Detail ID:	1002558280
Test Type:	Draw Down
Test Duration:	4
Test Level:	10.72
Test Level UOM:	m
Pump Test Detail ID:	1002558281
Test Type:	Recovery
Test Duration:	4
Test Level:	12.49
Test Level UOM:	m
Pump Test Detail ID:	1002558286
Test Type:	Draw Down
Test Duration:	15
Test Level:	11.91
Test Level UOM:	m
Pump Test Detail ID:	1002558294
Test Type:	Draw Down
Test Duration:	40
Test Level:	14.17
Test Level UOM:	m
Pump Test Detail ID:	1002558297
Test Type:	Recovery
Test Duration:	50
Test Level:	8.86
Test Level UOM:	m
Pump Test Detail ID:	1002558279
Test Type:	Recovery
Test Duration:	3
Test Level:	12.61
Test Level UOM:	m
Pump Test Detail ID:	1002558278
Test Type:	Draw Down
Test Duration:	3
Test Level:	10.63
Test Level UOM:	m
Pump Test Detail ID:	1002558282
Test Type:	Draw Down
Test Duration:	5
Test Level:	10.83
Test Level UOM:	m
Pump Test Detail ID:	1002558285

Test Type:	Recovery
Test Duration:	10
Test Level:	11.82
Test Level UOM:	m
Pump Test Detail ID:	1002558288
Test Type:	Draw Down
Test Duration:	20
Test Level:	12.48
Test Level UOM:	m
Pump Test Detail ID:	1002558292
Test Type:	Draw Down
Test Duration:	30
Test Level:	13.22
Test Level UOM:	m
Pump Test Detail ID:	1002558293
Test Type:	Recovery
Test Duration:	30
Test Level:	9.29
Test Level UOM:	m
Pump Test Detail ID:	1002558277
Test Type:	Recovery
Test Duration:	2
Test Level:	12.77
Test Level UOM:	m
Pump Test Detail ID:	1002558287
Test Type:	Recovery
Test Duration:	15
Test Level:	11.09
Test Level UOM:	m
Pump Test Detail ID:	1002558295
Test Type:	Recovery
Test Duration:	40
Test Level:	8.93
Test Level UOM:	m

Water Details

Water ID:	1002558271
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	19.5
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1002558269
Diameter:	20.32
Depth From:	
Depth To:	6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

18	*1 of 1*	*E/188.2*	*160.9 / -9.99*	*lot 6 con 1 ON*	*WWIS*

Well ID: 2806336 ***Data Entry Status:***

Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	9/9/1985
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4005
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10152612	***Elevation:***	165.21
DP2BR:	50	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	604780.6
Code OB Desc:	Bedrock	***Org CS:***	
Open Hole:		***North83:***	4818286
Cluster Kind:		***UTMRC:***	3
Date Completed:	29-JUL-85	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931442424
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Other Materials:	SANDY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	10
Formation End Depth:	18
Formation End Depth UOM:	ft

Formation ID:	931442425
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	77

Other Materials: LOOSE
Formation Top Depth: 18
Formation End Depth: 47
Formation End Depth UOM: ft

Formation ID: 931442426
Layer: 4
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 47
Formation End Depth: 50
Formation End Depth UOM: ft

Formation ID: 931442423
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Formation ID: 931442427
Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 50
Formation End Depth: 70
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962806336
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10701182
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930259455
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930259456
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992806336
Pump Set At:
Static Level: 15
Final Level After Pumping: 69
Recommended Pump Depth: 67
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934717131
Test Type: Recovery
Test Duration: 45
Test Level: 34
Test Level UOM: ft

Pump Test Detail ID: 934969740
Test Type: Recovery
Test Duration: 60
Test Level: 22
Test Level UOM: ft

Pump Test Detail ID: 934449619
Test Type: Recovery
Test Duration: 30
Test Level: 46
Test Level UOM: ft

Pump Test Detail ID: 934174567
Test Type: Recovery
Test Duration: 15
Test Level: 58

Test Level UOM: ft

Water Details

Water ID: 933609600
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 52
Water Found Depth UOM: ft

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19 | ***1 of 1*** | ***W/211.2*** | ***175.0 / 4.05*** | ***lot 9 con 2 ON*** | ***WWIS***

Well ID: 2802195
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/3/1962
Selected Flag: Yes
Abandonment Rec:
Contractor: 4823
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 009
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10148749
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 02-MAY-62
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 178.35
Elevrc:
Zone: 17
East83: 602861.6
Org CS:
North83: 4818466
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931427909
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 30
Formation End Depth UOM: ft

Formation ID: 931427908
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 18
Formation End Depth UOM: ft

Formation ID: 931427910
Layer: 3
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 54
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802195
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697319
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253110
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	933338774
Layer:	1
Slot:	018
Screen Top Depth:	50
Screen End Depth:	54
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	4

Results of Well Yield Testing

Pump Test ID:	992802195
Pump Set At:	
Static Level:	10
Final Level After Pumping:	20
Recommended Pump Depth:	40
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	8
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933604247
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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20 | ***1 of 1*** | ***SE/217.7*** | ***163.3 / -7.63*** | ***lot 8 con 1 ON*** | ***WWIS***

Well ID:	2805267	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/16/1978
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3637
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	008
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS S
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	10151764	***Elevation:***	164.38
DP2BR:	7	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	604814.6
Code OB Desc:	Bedrock	***Org CS:***	
Open Hole:		***North83:***	4817243
Cluster Kind:		***UTMRC:***	4
Date Completed:	22-APR-78	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931439029
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3:	90
Other Materials:	VERY
Formation Top Depth:	7
Formation End Depth:	25
Formation End Depth UOM:	ft

Formation ID:	931439027
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Formation ID:	931439028
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	7
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962805267
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10700334
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930257993
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	25
Casing Diameter:	24
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930257992
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	22
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992805267
Pump Set At:	
Static Level:	8
Final Level After Pumping:	22
Recommended Pump Depth:	23
Pumping Rate:	14
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934967036
Test Type:	Recovery
Test Duration:	60

Test Level:	18
Test Level UOM:	ft
Pump Test Detail ID:	934714884
Test Type:	Recovery
Test Duration:	45
Test Level:	19
Test Level UOM:	ft
Pump Test Detail ID:	934446945
Test Type:	Recovery
Test Duration:	30
Test Level:	20
Test Level UOM:	ft
Pump Test Detail ID:	934181015
Test Type:	Recovery
Test Duration:	15
Test Level:	21
Test Level UOM:	ft

Water Details

Water ID:	933608435
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	17
Water Found Depth UOM:	ft
Water ID:	933608436
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22
Water Found Depth UOM:	ft
Water ID:	933608434
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	10
Water Found Depth UOM:	ft

21	1 of 1	SSE/228.5	172.7 / 1.81	**Dunoak Developments Inc.** **No Municipal Address** **OAKVILLE ON**	RSC

Reg No:	52314	**Cert Date:**	31-Jan-06
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Agriculture/Other	**Nm of Qual. Person:**	Michael Vernooy
District Office:	OAKVILLE	**Stratified (Y/N):**	
Date Submitted:	24-Apr-09	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	Yes
Date Returned:		**Accuracy Estimate:**	21 to 100 meters
Restoration Type:		**Telephone:**	905-8297637
Soil Type:		**Fax:**	905-8292002
Criteria:		**Email:**	mike.vernooy@mattamycorp.com
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop. ID No:	24930 - 0019 LT		
Property Municipal Address:	No Municipal Address		

Mailing Address:	234 Cortleigh Boulevard, Toronto, Ontario M5N 1P7
Latitude & Latitude:	43.50169120N 79.71353460W (converted from UTM)
UTM Coordinates:	NAD83 17-604001-4817333
Consultant:	
Filing Owner:	
Legal Desc:	PT LT 9, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 639000; OAKVILLE/TRAFALGAR
Measurement Method:	Digitized from a satellite image
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Residential/Parkland/Institutional property use
RSC PDF:	

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22 **1 of 1** **SE/244.7** **158.2 / -12.72** **lot 7 con 1 OAKVILLE ON** **WWIS**

Well ID:	2810168	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	3/2/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1660
Casing Material:		**Form Version:**	3
Audit No:	Z00796	**Owner:**	
Tag:		**Street Name:**	1350 DUNDAS ST EAST
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	007
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11319123	**Elevation:**	156.95
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	_	**East83:**	605013
Code OB Desc:	No formation data	**Org CS:**	UTM83
Open Hole:		**North83:**	4817361
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-FEB-05	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933265840
Layer:	2
Plug From:	6.5
Plug To:	5
Plug Depth UOM:	ft

Plug ID: 933265843
Layer: 5
Plug From: 3
Plug To: 0
Plug Depth UOM: ft

Plug ID: 933265842
Layer: 4
Plug From: 4
Plug To: 3
Plug Depth UOM: ft

Plug ID: 933265844
Layer: 1
Plug From: 8
Plug To: 6.5
Plug Depth UOM: ft

Plug ID: 933265841
Layer: 3
Plug From: 5
Plug To: 4
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962810168
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11333978
Casing No: 1
Comment:
Alt Name:

Unplottable Summary

Total: 70 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	1097739 ONTARIO LTD., GRANITE RIDGE GOLF	LOT 8/CON.2,GRANITE RIDGE G.C	HALTON HILLS TOWN ON	
CA	1097739 ONTARIO LTD., GRANITE RIDGE GOLF	PT.LOT 8/CONC.2, WELL PW2	HALTON HILLS TOWN ON	
CA	2021872 Ontario Inc.	Part of Lot 9, Concession 1, South of Dundas Street	Oakville ON	
CA	2021872 Ontario Inc.	Part of Lot 9, Concession 1, South of Dundas Street	Oakville ON	
CA	Ljerka and Milan Marek	Part of Lot 8, Concession 1, South of Dundas Street	Oakville ON	
CA	Ljerka and Milan Marek	Part of Lot 8, Concession 1, South of Dundas Street	Oakville ON	
CA	Joshua Oak Developments Inc.	Part Lot 8, Concession 1	Oakville ON	
CA	Granite Ridge Golf Course	Lot 8, Concession 2	Halton Hills ON	
CA	1097739 ONTARIO LTD., GRANITE RIDGE GOLF	LOT 8/CON.2,GRANITE RIDGE G.C.	HALTON HILLS TOWN ON	
CA	R.M. OF HALTON	PT.LOTS 27&28/CON.2,DUNDAS ST.	OAKVILLE TOWN ON	
CA	SILWELL DEV. LTD.-LOTS 15 & 16, CONC. 1	ST. 'D'/DUNDAS ST.	OAKVILLE TOWN ON	
CA	BAYSHIRE INVESTMENTS LIMITED	DUNDAS ST. S.W.M.	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	
CA		Part of Lot 25, Concession 1, S. of Dundas St.	Oakville ON	
CA	East Oak Meadows Subdivision	Part of Lot 11, Concession 1, south of Dundas St.	Oakville ON	
CA	PENEX PROPERTY (TRAFALGAR) LTD.	PT.LOTS 11&12/CON.1,DUNDAS ST.	OAKVILLE TOWN ON	

CA	East Oak Meadows Subdivision	Part of Lot 11, Concession 1, south of Dundas St.	Oakville ON
CA	Munn's Creek	Part of Lot 16, Concession 2, South of Dundas St.	Oakville ON
CA	East Oak Meadows Subdivision	Part of Lot 11, Concession 1, south of Dundas St.	Oakville ON
CA	Lakeshore Road Sanitary Trunk Sewer	Part Lot 35, Conc. 4, South of Dundas Street	Oakville ON
CA	BAIF DEVELOPMENTS CORP.	LOT 23, CONC.1,S.OF DUNDAS ST.	OAKVILLE TOWN ON
CA	MATAM HOLDINGS INC.	LOT 24/C-1,DUNDAS ST., SWM	OAKVILLE TOWN ON
CA	BROOKSTAR HOMES INC.	PT.LOT 24/CON.1,DUNDAS ST.,SWM	OAKVILLE TOWN ON
CA	OAKVILLE TOWN	LOT 20/CONC.1,DUNDAS ST.S, SWM	OAKVILLE TOWN ON
CA	TRANS-NORTHERN PIPELINES INC.	PT.LOT 34/CON.3, S. DUNDAS ST.	OAKVILLE TOWN ON
CA	PENEX PROPERTY (TRAFALGAR) LTD.	PT.LOTS 11&12/CON.1,DUNDAS ST.	OAKVILLE ON
CA	Liegghio Subdivision	Part of Lot 11, Conc. 1, South of Dundas Street	Oakville ON
CA	Liegghio Subdivision	Part of Lot 11, Conc. 1, South of Dundas Street	Oakville ON
CA	BAIF DEVELOPMENTS CORP.	LOT 23,CONC.1/S.OF DUNDAS ST.	OAKVILLE TOWN ON
CA	SILVELL DEVELOPMENTS LIMITED	DUNDAS ST., PT.LOTS 13-15,SWM	OAKVILLE TOWN ON
CA	PENEX PROPERTY (TRAFALGAR) LTD.	PT.LOTS 11&12/CONC.1,DUNDAS ST	OAKVILLE TOWN ON
CA	The Regional Municipality of Halton	Dundas St	Oakville ON
CA	Storm Sewer on Lakeshore Road	Part Lot 35, Concession 4, South of Dundas Street	Oakville ON
CA	Liegghio Subdivision	Part of Lot 11, Conc. 1, South of Dundas Street	Oakville ON
CA		Concession 3, Lot 31, South of Dundas Street	Oakville ON
CA	East Oak Meadows Subdivision	Part of Lot 11, Concession 1, south of Dundas St.	Oakville ON
CA	Liegghio Subdivision	Part of Lot 11, Conc. 1, South of Dundas Street	Oakville ON
CA	TYBA (SHOREWOOD) INVESTMENTS CORP.	S. DUNDAS ST/. PT.LOT 18/C-4	OAKVILLE TOWN ON
CA		Part of Lots 7 & 8, Conc. 3, South of Dundas St.	Oakville ON

CA	INTERPROVINCIAL PIPE LINE INC.	PT.LOT 34/CONC.3, DUNDAS ST.S.	OAKVILLE TOWN ON	
CA	INTERPROVINCIAL PIPE LINE INC.	PT.LOT 35/CON.2, DUNDAS ST.S.	OAKVILLE TOWN ON	
CA	ONTARIO HYDRO SERVICES CO., BRONTE T.S.	LOT 30/CONC.3, DUNDAS ST.S.	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Dundas St W Dundas Street West from third line to 160m east of proudfoot trail	Oakville ON	
CA	Ontario Concrete Products	Part of Lots 34/35, Conc. 3, South of Dundas St.	Halton Hills ON	
CA	Ontario Concrete Products	Part of Lots 34/35, Conc. 3, South of Dundas St.	Halton Hills ON	
EBR	Zenon Environmental Holdings Inc.	Part of Lots 32 & 33, Concession 1, North of Dundas Street, Registered Plan 20R-13148, 3239 Dundas Street TOWN OF OAKVILLE	ON	
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas St (from Old Bronte Road to Fourth Line)	Oakville ON	L6M 3L1
ECA	Genstar Titleco Limited	Part of Lots 26 & 27, Conc.1, South of Dundas St.	Oakville ON	M9B 6B7
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Regional Municipality of Halton	Dundas Street (Regional Road 5)	Oakville ON	L6M 3L1
ECA	The Corporation of the Town of Oakville	From approx. 90 m North of Dundas Street E to 290 m North of Dundas St E	Oakville ON	L6J 5A6
ECA	The Regional Municipality of Halton	Dundas St W Dundas Street West from third line to 160m east of proudfoot trail	Oakville ON	L6M 3L1
FSTH	PRIMEAU-ARGO	PRT S W 1/2 OF LOT 6 CON	HALTON HILLS ON	
GEN	INTERPROVINCIAL PIPE LINE INC.	LOT 34, CONCESSION 3 SOUTH OF DUNDAS STREET	OAKVILLE ON	
GEN	INTERPROVINCIAL PIPE LINE INC.	LOT 35, CONCESSION 2 SOUTH OF DUNDAS STREET	OAKVILLE ON	
SPL		Dundas St W, east of Bronte Rd and #rd Line	Oakville ON	
SPL	UNKNOWN	NORTH SIDE OF DUNDAS ST.1/2 WAY BETWEEN 8TH & 9TH LINE, PRIVATE PROPERTY.	OAKVILLE TOWN ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	
WDS		S. OF DUNDAS ST	OAKVILLE ON	

WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WDS	S. OF DUNDAS ST	OAKVILLE ON
WWIS		Oakville ON
WWIS	lot 6	ON
WWIS	lot 6 con 1	ON
WWIS		ON

Unplottable Report

Site: ***1097739 ONTARIO LTD., GRANITE RIDGE GOLF***
LOT 8/CON.2,GRANITE RIDGE G.C HALTON HILLS TOWN ON

Database: ***CA***

Certificate #: 7-1106-96-
Application Year: 96
Issue Date: 1/30/1997
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***1097739 ONTARIO LTD., GRANITE RIDGE GOLF***
PT.LOT 8/CONC.2, WELL PW2 HALTON HILLS TOWN ON

Database: ***CA***

Certificate #: 7-0578-96-
Application Year: 96
Issue Date: 7/2/1996
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***2021872 Ontario Inc.***
Part of Lot 9, Concession 1, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 5235-6DJN8C
Application Year: 2005
Issue Date: 6/22/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***2021872 Ontario Inc.***
Part of Lot 9, Concession 1, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 1559-6DJNA9

Application Year: 2005
Issue Date: 6/28/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Ljerka and Milan Marek***
Part of Lot 8, Concession 1, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 9591-6DJP6P
Application Year: 2005
Issue Date: 6/28/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Ljerka and Milan Marek***
Part of Lot 8, Concession 1, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 5183-6EBQB9
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Joshua Oak Developments Inc.***
Part Lot 8, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 2434-6CBS6Q
Application Year: 2005
Issue Date: 7/18/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Granite Ridge Golf Course***
Lot 8, Concession 2 Halton Hills ON

Database: ***CA***

Certificate #:	7286-4KSHFV
Application Year:	00
Issue Date:	6/7/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	1097739 Ontario Limited
Client Address:	9503 Dublin Line
Client City:	Milton
Client Postal Code:	L9T 2X7
Project Description:	Expansion of the existing fully raised septic bed.
Contaminants:	
Emission Control:	

Site: ***1097739 ONTARIO LTD., GRANITE RIDGE GOLF***
LOT 8/CON.2,GRANITE RIDGE G.C. HALTON HILLS TOWN ON

Database: ***CA***

Certificate #:	7-0115-97-
Application Year:	97
Issue Date:	5/15/1997
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF HALTON***
PT.LOTS 27&28/CON.2,DUNDAS ST. OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	8-3408-95-
Application Year:	95
Issue Date:	9/1/1995
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	INSTALL NEW HOT WATER BOILER
Contaminants:	Nitrogen Oxides, Sulphur Dioxide
Emission Control:	No Controls,

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

Database: ***CA***

Certificate #:	3-0110-92-
Application Year:	92
Issue Date:	2/12/1992
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

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

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

Database: ***CA***

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

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

Database: ***CA***

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

Site:
Part of Lot 25, Concession 1, S. of Dundas St. Oakville ON

Database: ***CA***

Certificate #: 2333-4QQQHA
Application Year: 00
Issue Date: 11/6/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: World Custom Homes Inc
Client Address: 8700 Dufferin Street
Client City: Concord
Client Postal Code: L4K 4S6
Project Description: watermains to be constructed on Third Line
Contaminants:
Emission Control:

Site: ***East Oak Meadows Subdivision***
Part of Lot 11, Concession 1, south of Dundas St. Oakville ON

Database: ***CA***

Certificate #: 1018-4WZUR2
Application Year: 01

Issue Date: 5/31/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Hamount Investments Ltd. and Laurelpark Inc.
Client Address: 2458 Dundas Street
Client City: Mississauga
Client Postal Code: L5K 1R8
Project Description: Application for watermains on Morning Dove Drive and Thistle Glen Lane
Contaminants:
Emission Control:

Site: ***PENEX PROPERTY (TRAFALGAR) LTD.***
PT.LOTS 11&12/CON.1,DUNDAS ST. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0712-95-
Application Year: 95
Issue Date: 6/30/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***East Oak Meadows Subdivision***
Part of Lot 11, Concession 1, south of Dundas St. Oakville ON

Database: ***CA***

Certificate #: 6802-4MJRYC
Application Year: 00
Issue Date: 7/25/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Hamount Investments Limited
Client Address: 2458 Dundas Street
Client City: Mississauga
Client Postal Code: L5K 1R8
Project Description: Watermain Construction on North Ridge Trail, Street A, Street B, Street C, Street D, Street E
Contaminants:
Emission Control:

Site: ***Munn's Creek***
Part of Lot 16, Concession 2, South of Dundas St. Oakville ON

Database: ***CA***

Certificate #: 0492-537JY2
Application Year: 02
Issue Date: 5/1/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the Town of Oakville
Client Address: 1225 Trafalgar Road, P.O. Box 310
Client City: Oakville
Client Postal Code: L6J 5A6
Project Description: Installation of an open channel.
Contaminants:
Emission Control:

Site: ***East Oak Meadows Subdivision***
Part of Lot 11, Concession 1, south of Dundas St. Oakville ON

Database: ***CA***

Certificate #:	2777-4WZUH4
Application Year:	01
Issue Date:	5/31/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Hamount Investments Ltd. and Laurelpark Inc.
Client Address:	2458 Dundas Street
Client City:	Mississauga
Client Postal Code:	L5K 1R8
Project Description:	storm and sanitary sewer construction on Morning Dove Drive and Thistle Glen Lane
Contaminants:	
Emission Control:	

Site: ***Lakeshore Road Sanitary Trunk Sewer***
Part Lot 35, Conc. 4, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #:	5220-5ATTQZ
Application Year:	02
Issue Date:	6/10/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	This application is for a proposed trunk sanitary sewer on Lakeshore Road from Great Lakes Boulevard to the Elizabeth Gardens Pumping Station in the City of Burlington and Oakville.
Contaminants:	
Emission Control:	

Site: ***BAIF DEVELOPMENTS CORP.***
LOT 23, CONC.1,S.OF DUNDAS ST. OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	7-1074-96-
Application Year:	96
Issue Date:	11/18/1996
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MATAM HOLDINGS INC.***
LOT 24/C-1,DUNDAS ST., SWM OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-1576-97-
Application Year:	97
Issue Date:	12/9/1997
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

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

Site: ***BROOKSTAR HOMES INC.***
PT.LOT 24/CON.1,DUNDAS ST.,SWM OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1180-97-
Application Year: 97
Issue Date: 9/18/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OAKVILLE TOWN***
LOT 20/CONC.1,DUNDAS ST.S, SWM OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-0573-96-
Application Year: 96
Issue Date: 8/13/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TRANS-NORTHERN PIPELINES INC.***
PT.LOT 34/CON.3, S. DUNDAS ST. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 4-0116-93-
Application Year: 93
Issue Date: 8/12/1994
Approval Type: Industrial wastewater
Status: Approved in 1994
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: SURFACE RUN-OFF SEPARATION SYSTEM
Contaminants:
Emission Control:

Site: ***PENEX PROPERTY (TRAFALGAR) LTD.***
PT.LOTS 11&12/CON.1,DUNDAS ST. OAKVILLE ON

Database: ***CA***

Certificate #: 3-0769-98-
Application Year: 98

Issue Date: 7/7/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Liegghio Subdivision***
Part of Lot 11, Conc. 1, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 9863-4Z6PHM
Application Year: 01
Issue Date: 8/16/01
Approval Type: Municipal & Private sewage
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: Next Housebuilding (Oakville) Corp.
Client Address: 2420 Finch Avenue West, Unit 23
Client City: Toronto
Client Postal Code: M9M 2E2
Project Description: This application is for the construction of storm and sanitary sewers in the Town of Oakville, on Street A, Street B, and Nichols Drive Extension.
Contaminants:
Emission Control:

Site: ***Liegghio Subdivision***
Part of Lot 11, Conc. 1, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 3251-4ZMQLG
Application Year: 01
Issue Date: 8/16/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: Amended CofA
Client Name: Next Housebuilding (Oakville) Corp.
Client Address: 2420 Finch Avenue West, Unit 23
Client City: Toronto
Client Postal Code: M9M 2E2
Project Description: This application is to rename the streets on the existing C of A.
Contaminants:
Emission Control:

Site: ***BAIF DEVELOPMENTS CORP.***
LOT 23,CONC.1/S.OF DUNDAS ST. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1344-96-
Application Year: 96
Issue Date: 11/18/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

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

Site: ***PENEX PROPERTY (TRAFALGAR) LTD.***
PT.LOTS 11&12/CONC.1,DUNDAS ST OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1546-95-006
Application Year: 95
Issue Date: 11/21/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

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

Site: ***Storm Sewer on Lakeshore Road***
Part Lot 35, Concession 4, South of Dundas Street Oakville ON

Database: ***CA***

Certificate #: 1118-5ATTXZ
Application Year: 02
Issue Date: 6/7/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: New Province Homes Ltd.
Client Address: 1700 Langstaff Road

Client City: Concord
Client Postal Code: L4K 3S3
Project Description: This application is for a proposed storm sewer on Lakeshore Road from Great Lakes Boulevard Westerly.
Contaminants:
Emission Control:

Site: ***Liegghio Subdivision*** ***Database:*** ***CA***
Part of Lot 11, Conc. 1, South of Dundas Street Oakville ON

Certificate #: 4812-4ZMPWZ
Application Year: 01
Issue Date: 8/16/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Amended CofA
Client Name: Next Housebuilding (Oakville) Corp.
Client Address: 2420 Finch Avenue West, Unit 23
Client City: Toronto
Client Postal Code: M9M 2E2
Project Description: This application is to change the street names on the existing Certificate of Approval Municipal and Private Sewage Works Number 9863-4Z6PHM
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Concession 3, Lot 31, South of Dundas Street Oakville ON

Certificate #: 7703-4L5GLR
Application Year: 00
Issue Date: 6/14/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Town of Oakville
Client Address: 2274 Trafalgar Road
Client City: Oakville
Client Postal Code: L6J 5A6
Project Description: Construction of a new storm sewer outlet at Bronte Creek for the Rebecca Street extension. A stormwater management pond has been designed to provide water quality control for 0.95 hectares of drainage area along Rebecca Street between Mississaga Street and Bronte Road.
Contaminants:
Emission Control:

Site: ***East Oak Meadows Subdivision*** ***Database:*** ***CA***
Part of Lot 11, Concession 1, south of Dundas St. Oakville ON

Certificate #: 8462-4MJS54
Application Year: 00
Issue Date: 7/25/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Hamount Investments Limited
Client Address: 2458 Dundas Street
Client City: Mississauga
Client Postal Code: L5K 1R8
Project Description: Storm Sewers and Sanitary Sewers installation on Street A, StreetB, StreetC, Street D,and Street E for the East Oak Meadows Subdivision, Oakville.
Contaminants:
Emission Control:

Site: ***Liegghio Subdivision*** ***Database:*** ***CA***

Part of Lot 11, Conc. 1, South of Dundas Street Oakville ON

Certificate #:	3843-4Z6PQJ
Application Year:	01
Issue Date:	8/16/01
Approval Type:	Municipal & Private water
Status:	Revoked and/or Replaced
Application Type:	New Certificate of Approval
Client Name:	Next Housebuilding (Oakville) Corp.
Client Address:	2420 Finch Avenue West, Unit 23
Client City:	Toronto
Client Postal Code:	M9M 2E2
Project Description:	This application is for the construction of watermain on Street 'A', Street 'B', Nichols Drive Ext., and Northridge Trail, in the Town of Oakville.
Contaminants:	
Emission Control:	

Site: ***TYBA (SHOREWOOD) INVESTMENTS CORP.***
S. DUNDAS ST/. PT.LOT 18/C-4 OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-0173-99-
Application Year:	99
Issue Date:	3/19/1999
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Part of Lots 7 & 8, Conc. 3, South of Dundas St. Oakville ON

Database: ***CA***

Certificate #:	1378-4HVM5F
Application Year:	00
Issue Date:	3/31/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	Installation of watermains along Braeside Dr., Benita Court, Crawford Court, Dalewood Dr., Abbey Court, Cambridge Dr. and Cox Dr.
Contaminants:	
Emission Control:	

Site: ***INTERPROVINCIAL PIPE LINE INC.***
PT.LOT 34/CONC.3, DUNDAS ST.S. OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	8-3393-96-
Application Year:	96
Issue Date:	9/6/1996
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	

Client Postal Code:
Project Description: VENT NITROGEN FROM LINE #8 TO ATMOSPHERE
Contaminants:
Emission Control:

Site: ***INTERPROVINCIAL PIPE LINE INC.***
PT.LOT 35/CON.2, DUNDAS ST.S. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 8-3463-94-
Application Year: 94
Issue Date: 10/31/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: VENTING OF NITROGEN PIPE LINE
Contaminants: Methane (Incl. Hydrocarbons Expr. As Ch4
Emission Control: No Controls

Site: ***ONTARIO HYDRO SERVICES CO., BRONTE T.S.***
LOT 30/CONC.3, DUNDAS ST.S. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 4-0056-99-
Application Year: 99
Issue Date: 6/2/1999
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: SPILL CONT. FOR NEW TRANSFORMER 4T2
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
Dundas St W Dundas Street West from third line to 160m east of proudfoot trail Oakville ON

Database: ***CA***

Certificate #: 9343-8LUJU9
Application Year: 2011
Issue Date: 9/23/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Ontario Concrete Products***
Part of Lots 34/35, Conc. 3, South of Dundas St. Halton Hills ON

Database: ***CA***

Certificate #: 5343-4YCSUG
Application Year: 01
Issue Date: 7/11/01

Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urban Corp. Road Builders Consortium Inc.
Client Address: 30 Floral Parkway
Client City: Concord
Client Postal Code: L4K 4R1
Project Description: Proposed Watermain and Wastewater Main on Burloak Drive and Easement (Street "A"), Oakville for Eanarch Investments Limited. (Urban Core Road Builder Consortium Incorporated) Ontario Concrete Products
Contaminants:
Emission Control:

Site: ***Ontario Concrete Products***
Part of Lots 34/35, Conc. 3, South of Dundas St. Halton Hills ON

Database: ***CA***

Certificate #: 8681-4YCT4E
Application Year: 01
Issue Date: 7/11/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urban Corp. Road Builders Consortium Inc.
Client Address: 30 Floral Parkway
Client City: Concord
Client Postal Code: L4K 4R1
Project Description: Proposed Watermain on Burloak Drive and Easement
Contaminants:
Emission Control:

Site: ***Zenon Environmental Holdings Inc.***
Part of Lots 32 & 33, Concession 1, North of Dundas Street, Registered Plan 20R-13148, 3239 Dundas Street TOWN OF OAKVILLE ON

Database: ***EBR***

Company Name: Zenon Environmental Holdings Inc.
EBR Registry No.: IA9E1744
Ministry Ref. No.: 3120599
Notice Type: Instrument Decision
Notice Date: December 21, 1999
Proposal Date: November 15, 1999
Year: 1999
Proponent Address: 845 Harrington Court, Burlington Ontario, L7N 3P3
Instrument Type: (OWRA s. 53(1)) - Approval for sewage works
Location Other:

Location:

Part of Lots 32 & 33, Concession 1, North of Dundas Street, Registered Plan 20R-13148, 3239 Dundas Street TOWN OF OAKVILLE

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

Database: ***ECA***

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

Site: ***The Regional Municipality of Halton***
Dundas St (from Old Bronte Road to Fourth Line) Oakville ON L6M 3L1

Database: ***ECA***

Approval No:	3909-9P4P7H	***SWP Area Name:***	
Approval Date:	2014-09-29	***MOE District:***	
Status:	Approved	***City:***	Oakville
Record Type:	ECA	***Longitude:***	
Link Source:	IDS	***Latitude:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Dundas St (from Old Bronte Road to Fourth Line)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9980-9NDP2V-14.pdf		

Site: ***Genstar Titleco Limited***
Part of Lots 26 & 27, Conc.1, South of Dundas St. Oakville ON M9B 6B7

Database: ***ECA***

Approval No:	2264-4H7SVJ	***SWP Area Name:***	
Approval Date:	2000-03-09	***MOE District:***	
Status:	Approved	***City:***	
Record Type:	ECA	***Longitude:***	
Link Source:	IDS	***Latitude:***	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Address:	Part of Lots 26 & 27, Conc.1, South of Dundas St.		
Full Address:			
Full PDF Link:			

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

Database: ***ECA***

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

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

Database: ***ECA***

Approval No:	1689-ACRL59	***SWP Area Name:***	
Approval Date:	2016-08-15	***MOE District:***	
Status:	Approved	***City:***	Oakville
Record Type:	ECA	***Longitude:***	
Link Source:	IDS	***Latitude:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Dundas Street (Regional Road 5)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5930-A6DTKG-14.pdf		

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

Database: ***ECA***

Approval No:	4242-7UEH69	***SWP Area Name:***	
Approval Date:	2009-08-04	***MOE District:***	
Status:	Approved	***City:***	Oakville

Record Type: ECA
Link Source: IDS
Longitude:
Latitude:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: From approx. 90 m North of Dundas Street E to 290 m North of Dundas St E
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5340-7UCJBD-14.pdf

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Site: ***The Regional Municipality of Halton***
Dundas St W Dundas Street West from third line to 160m east of proudfoot trail Oakville ON L6M 3L1

Database: ***ECA***

Approval No: 9343-8LUJU9
Approval Date: 2011-09-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City: Oakville
Longitude:
Latitude:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Dundas St W Dundas Street West from third line to 160m east of proudfoot trail
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2075-8LQR4W-14.pdf

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Site: ***PRIMEAU-ARGO***
PRT S W 1/2 OF LOT 6 CON HALTON HILLS ON

Database: ***FSTH***

License Issue Date: 2/4/1991
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Site: ***INTERPROVINCIAL PIPE LINE INC.***
LOT 34, CONCESSION 3 SOUTH OF DUNDAS STREET OAKVILLE ON

Database: ***GEN***

Generator No.: ON0102611
Status:
Approval Years: 98
Contam. Facility:
MHSW Facility:
SIC Code: 4612
SIC Description: OIL PIPELINE TRANS.
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: ***INTERPROVINCIAL PIPE LINE INC.***
LOT 35, CONCESSION 2 SOUTH OF DUNDAS STREET OAKVILLE ON

Database: ***GEN***

Generator No.: ON0102612
Status:
Approval Years: 98
Contam. Facility:
MHSW Facility:
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

SIC Code: 4612
SIC Description: OIL PIPELINE TRANS.

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: ***Database:*** ***SPL***
Dundas St W, east of Bronte Rd and #rd Line Oakville ON

Ref No:	8360-9RFHUR	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/12/02	***Client Type:***	
Year:		***Sector Type:***	Valve/Fitting/Piping
Incident Cause:	Leak/Break	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	Palermo Park<UNOFFICIAL>
Contaminant Name:		***Site Address:***	Dundas St W, east of Bronte Rd and #rd Line
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Oakville
Nature of Impact:	Surface Water	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:	N	***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	2014/12/03	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	Watercourse Spills		
Incident Reason:	Material Failure - Poor Design/Substandard Material		
Incident Summary:	Hydraulic oil ~ 40 L from tunnel shaft to pond		

Site: ***UNKNOWN*** ***Database:*** ***SPL***
NORTH SIDE OF DUNDAS ST.1/2 WAY BETWEEN 8TH & 9TH LINE, PRIVATE PROPERTY. OAKVILLE TOWN ON

Ref No:	137659	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	//	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14403
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	OA FIRE DEPT
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	2/26/1997	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	OTHER		
Incident Summary:	UNKNOWN SOURCE:26 BARRELSOF UNKNOWN MATERIAL DUMPED AT SIDE OF ROAD.		

Site:

S. OF DUNDAS ST OAKVILLE ON

Database:
WDS

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

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database:
WDS

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

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

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Certificate No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m^3):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m^3):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m^3):***	0
Application Status:		***Process Cap (m^3/d):***	0
Issue Date:	07/06/1972	***Process Vol (m^3):***	0
Input Date:	11/18/93	***Process Feed (m^3):***	0
Date Received:	1/6/86	***Serial Link:***	210406
Est Closure Date:		***Site Concession:***	4 AND 3, SDS
Mobile Capacity:	0	***Site Region/County:***	
Mobile Units:		***SWP Area Name:***	
Mobile Description:		***MOE District:***	
Prop City:	OAKVILLE, ONTARIO	***District Office:***	Halton-Peel
Prop Postal:	L6V-5A5	***Latitude:***	
Prop Phone:		***Longitude:***	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REGINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Waste Class Code:	201		
Waste Class:	201		
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Certificate No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	01/02/1986	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Serial Link:***	210406
Est Closure Date:		***Site Concession:***	4 AND 3, SDS
Mobile Capacity:	0	***Site Region/County:***	
Mobile Units:		***SWP Area Name:***	
Mobile Description:		***MOE District:***	
Prop City:	OAKVILLE, ONTARIO	***District Office:***	Halton-Peel
Prop Postal:	L6V-5A5	***Latitude:***	
Prop Phone:		***Longitude:***	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REGINERY, BOX 308		
Proponent County/District:			
Full Address:			
Site Lot:	34 AND 35, PT. DWG. 467-79-1 AND 467-79-3		
Waste Class Code:	201		
Waste Class:	201		
Waste Type:	non-hazardous solid-industrial, liquid industrial		
Waste Type Other:	No		
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970		
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:	THERE IS 1 CONDITION IN THE CERTIFICATE AND ALSO SCHEDULE "A" IS ATTACHED.		
Project Description:			
Municipalities Served:	POPULATION N/A		
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

Site:

S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

Certificate No:	A210406	***Total Area (ha):***	16.65
Mob Unit Cert No:		***Landfill Cap (m³):***	0
EBR Registry No:		***Transfer Area (ha):***	0
Status:	Approved	***Transfer Cap (m³):***	0
Facility Type:	Landfill	***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	0
Link Source:		***Inciner. Cap (t):***	0
Project Type:		***Process Area (m³):***	0
Application Status:		***Process Cap (m³/d):***	0
Issue Date:	04/17/1980	***Process Vol (m³):***	0
Input Date:	11/18/93	***Process Feed (m³):***	0
Date Received:	1/6/86	***Serial Link:***	210406
Est Closure Date:		***Site Concession:***	4 AND 3, SDS
Mobile Capacity:	0	***Site Region/County:***	
Mobile Units:		***SWP Area Name:***	
Mobile Description:		***MOE District:***	
Prop City:	OAKVILLE, ONTARIO	***District Office:***	Halton-Peel
Prop Postal:	L6V-5A5	***Latitude:***	
Prop Phone:		***Longitude:***	
Approval Type:			
Proponent:	SHELL CANADA LTD. (OAKVILLE)		
Prop Address:	OAKVILLE REGINERY, BOX 308		
Proponent County/District:			
Full Address:			

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

Site: ***Database:*** ***WDS***

S. OF DUNDAS ST OAKVILLE ON

Certificate No: A210406
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type: Landfill
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 10/10/1975
Input Date: 11/18/93
Date Received: 1/6/86
Est Closure Date:
Mobile Capacity: 0
Mobile Units:
Mobile Description:
Prop City: OAKVILLE, ONTARIO
Prop Postal: L6V-5A5
Prop Phone:
Approval Type:
Total Area (ha): 16.65
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0
Transfer Cert No:
Inciner. Area (ha): 0
Inciner. Cap (t): 0
Process Area (m³): 0
Process Cap (m³/d): 0
Process Vol (m³): 0
Process Feed (m³): 0
Serial Link: 210406
Site Concession: 4 AND 3, SDS
Site Region/County:
SWP Area Name:
MOE District:
District Office: Halton-Peel
Latitude:
Longitude:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial
Waste Type Other: No
Waste Description: 100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description: THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:
Municipalities Served: POPULATION N/A
Approval Description:
Other Approvals/Permits:
PDF URL:

Site: ***Database:*** ***WDS***

S. OF DUNDAS ST OAKVILLE ON

Certificate No: A210406
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Total Area (ha): 16.65
Landfill Cap (m³): 0
Transfer Area (ha): 0
Transfer Cap (m³): 0

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

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

Site:
S. OF DUNDAS ST OAKVILLE ON

Database: ***WDS***

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

Approval Type:
Proponent: SHELL CANADA LTD. (OAKVILLE)
Prop Address: OAKVILLE REGINERY, BOX 308
Proponent County/District:
Full Address:
Site Lot: 34 AND 35, PT. DWG. 467-79-1 AND 467-79-3
Waste Class Code: 201
Waste Class: 201
Waste Type: non-hazardous solid-industrial, liquid industrial

Waste Type Other:	No
Waste Description:	100% INDUSTRIAL WASTE, TOTOAL 25 - 50 TONNES PER YEAR. DATA TAKEN FROM APPLICATION DATED: 12/1970
Landfill Monitoring:	
Landfill Ctrl Type:	
Site Closing Description:	THERE IS NO CONDITIONS IN THE CERTIFICATE
Project Description:	
Municipalities Served:	POPULATION N/A
Approval Description:	
Other Approvals/Permits:	
PDF URL:	

Site:

Oakville ON

Database: ***WWIS***

Well ID:	7258948	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	3/8/2016
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7295
Casing Material:		***Form Version:***	7
Audit No:	Z221832	***Owner:***	
Tag:	A156103	***Street Name:***	DUNDAS ST E
Construction Method:		***County:***	
Elevation (m):		***Municipality:***	
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

Bore Hole ID:	1005902368	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	0
Code OB:		***East83:***	794254
Code OB Desc:		***Org CS:***	UTM83
Open Hole:		***North83:***	4329333
Cluster Kind:		***UTMRC:***	9
Date Completed:	18-JAN-16	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006020446
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Plug ID:	1006020447
Layer:	1
Plug From:	0

Plug To: 30
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006020445
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1006020438
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006020442
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter: 1.8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006020443
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 1006020441
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006020440
Diameter: 6
Depth From: 0
Depth To: 7
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:
lot 6 ON

Database:
WWIS

Well ID:	2807007	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/20/1988
Sec. Water Use:	Livestock	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3372
Casing Material:		***Form Version:***	1
Audit No:	31538	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10153270	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	x	***East83:***	
Code OB Desc:	Unknown type in the lower layers(s)	***Org CS:***	
Open Hole:		***North83:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	13-SEP-88	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931445298
Layer:	4
Color:	
General Color:	
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	30
Formation End Depth UOM:	ft

Formation ID:	931445295
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth: 3
Formation End Depth UOM: ft

Formation ID: 931445297
Layer: 3
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 20
Formation End Depth UOM: ft

Formation ID: 931445302
Layer: 8
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 91
Other Materials: WATER-BEARING
Mat3:
Other Materials:
Formation Top Depth: 65
Formation End Depth: 65
Formation End Depth UOM: ft

Formation ID: 931445300
Layer: 6
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 60
Formation End Depth UOM: ft

Formation ID: 931445296
Layer: 2
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 10
Formation End Depth UOM: ft

Formation ID: 931445301
Layer: 7
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 60
Formation End Depth: 65
Formation End Depth UOM: ft

Formation ID: 931445299
Layer: 5
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 50
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933139654
Layer: 2
Plug From: 2
Plug To: 10
Plug Depth UOM: ft

Plug ID: 933139653
Layer: 1
Plug From:
Plug To: 2
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962807007
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10701840
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930260693
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 57
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933338922
Layer: 1
Slot: 010

Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 10

Results of Well Yield Testing

Pump Test ID: 992807007
Pump Set At:
Static Level: 35
Final Level After Pumping: 35
Recommended Pump Depth: 10
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 8
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 20
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934177792
Test Type:
Test Duration: 15
Test Level: 35
Test Level UOM: ft

Pump Test Detail ID: 934971518
Test Type:
Test Duration: 60
Test Level: 35
Test Level UOM: ft

Pump Test Detail ID: 934451388
Test Type:
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Pump Test Detail ID: 934710538
Test Type:
Test Duration: 45
Test Level: 35
Test Level UOM: ft

Water Details

Water ID: 933610461
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Site:
lot 6 con 1 ON

Database: ***WWIS***

Well ID: 7102683
Construction Date:

Data Entry Status:
Data Src:

Primary Water Use:	Domestic	***Date Received:***	3/5/2008
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	4868
Casing Material:		***Form Version:***	3
Audit No:	Z42113	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	006
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1001540323	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	9
Code OB Desc:		***Org CS:***	UTM83
Open Hole:		***North83:***	9
Cluster Kind:		***UTMRC:***	9
Date Completed:	27-FEB-08	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1001633268
Layer:	2
Plug From:	40
Plug To:	38
Plug Depth UOM:	ft

Plug ID:	1001633269
Layer:	3
Plug From:	10
Plug To:	6
Plug Depth UOM:	ft

Plug ID:	1001633271
Layer:	2
Plug From:	6
Plug To:	0
Plug Depth UOM:	ft

Plug ID:	1001633267
Layer:	1
Plug From:	76
Plug To:	40
Plug Depth UOM:	ft

Plug ID:	1001633270
Layer:	2
Plug From:	

Plug To: 6
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1001633277
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 1001633264
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001633273
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0
Depth To: 40
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 1001633274
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 40
Depth To: 76
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1001633275
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1001633272
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1001633266

Diameter: 5
Depth From: 0
Depth To: 76
Hole Depth UOM: ft
Hole Diameter UOM: inch

Site:
ON

Database:
WWIS

Well ID: 7135531
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: 0
Water Type:
Casing Material:
Audit No: C00376
Tag: A084830
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/11/2009
Selected Flag: Yes
Abandonment Rec:
Contractor: 7295
Form Version: 5
Owner:
Street Name: DUNDAS ST W
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1002867153
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 19-MAR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83: 794605
Org CS: UTM83
North83: 4326367
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867157
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867156
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867158
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867160
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.57
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867159
Layer:
Slot:
Screen Top Depth: 4.57
Screen End Depth: 7.62
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867161
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867155
Diameter: 7.62
Depth From:
Depth To: 7.62
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867144
DP2BR:
Spatial Status:
Code OB:
Elevation:
Elevrc:
Zone:
East83: 794612

Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 18-MAR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS: UTM83
North83: 4326296
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867148
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867147
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867149
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867151
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.57
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867150
Layer:
Slot:
Screen Top Depth: 4.57
Screen End Depth: 6.1
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867152
Pump Set At:

Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867146
Diameter: 7.62
Depth From:
Depth To: 6.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867180
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 06-APR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794543
Org CS: UTM83
North83: 4326565
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867184
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867183
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867185
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867187
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.42
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867186
Layer:
Slot:
Screen Top Depth: 4.42
Screen End Depth: 7.47
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867188
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867182
Diameter: 7.62
Depth From:
Depth To: 7.47
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867189
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 03-APR-09
Remarks:
Elevrc Desc:

Elevation:
Elevrc:
Zone:
East83: 794534
Org CS: UTM83
North83: 4327049
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002867193
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867192
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867194
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867196
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 10.21
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867195
Layer:
Slot:
Screen Top Depth: 10.21
Screen End Depth: 12.19
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867197
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:

Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867191
Diameter: 7.62
Depth From:
Depth To: 12.19
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867135
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 20-MAR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794622
Org CS: UTM83
North83: 4326200
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867139
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867138
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867140
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867142
Layer:

Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.57
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867141
Layer:
Slot:
Screen Top Depth: 4.57
Screen End Depth: 7.62
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867143
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867137
Diameter: 7.62
Depth From:
Depth To: 7.62
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867035
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06-APR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83: 794622
Org CS: UTM83
North83: 4326200
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Method of Construction & Well Use

Method Construction ID: 1002867207
Method Construction Code:
Method Construction:
Other Method Construction:

Bore Hole Information

Bore Hole ID: 1002867171
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 06-APR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794548
Org CS: UTM83
North83: 4326517
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867175
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867174
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867176
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867178
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 4.27
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867177
Layer:
Slot:
Screen Top Depth: 4.27
Screen End Depth: 7.32
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867179
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867173
Diameter: 7.62
Depth From:
Depth To: 7.32
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867198
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 27-MAR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone:
East83: 794526
Org CS: UTM83
North83: 4327128
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867202
Layer:
Plug From:
Plug To:

Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867201
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867203
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867205
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 9.15
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867204
Layer:
Slot:
Screen Top Depth: 9.15
Screen End Depth: 13.26
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867206
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867200
Diameter: 7.62

Depth From:
Depth To: 13.26
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002867162
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 20-MAR-09
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83: 794555
Org CS: UTM83
North83: 4326446
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002867166
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002867165
Method Construction Code:
Method Construction:
Other Method Construction: BORING

Pipe Information

Pipe ID: 1002867167
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002867169
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 6.1
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002867168
Layer:
Slot:

Screen Top Depth: 6.1
Screen End Depth: 7.62
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002867170
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002867164
Diameter: 7.62
Depth From:
Depth To: 7.62
Hole Depth UOM: m
Hole Diameter UOM: cm

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 2017

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jul 31, 2018

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-Jul 31, 2018

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 - Jul 2018

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Sep 2018

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jul 31, 2018

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886-Nov 30, 2017

Dry Cleaning Facilities: Federal DRYCLEANERS

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

Government Publication Date: Jan 2004-Dec 2016

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Aug 31, 2018

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jul 31, 2018

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Aug 31, 2018

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Feb 28, 2018

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-May 2018

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-June 30, 2018

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Sep 30, 2017

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Environmental Penalty Annual Report: Provincial MISA PENALTY

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

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

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2018

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2016

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2018

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGW

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

Government Publication Date: 1988-April 30, 2018

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The 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-May 2018

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jul 31, 2018

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Mar 2018

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Jul 31, 2018

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Jul 31, 2018

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Jul 2018

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Aug 31, 2018

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix C

Rick.Fioravanti@dsconsultants.ca

From: Public Information Services <publicinformationservices@tssa.org>
Sent: October 24, 2018 5:58 PM
To: Rick.Fioravanti@dsconsultants.ca
Subject: RE: UST/AST Search

Hello Rick,

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	Status
10334149	FS PRIVATE FUEL OUTLET - SELF SERVE	1429 DUNDAS ST E	OAKVILLE	ON	L6J 4Z2	Active
11640236	FS LIQUID FUEL TANK	1429 DUNDAS ST E	OAKVILLE	ON	L6J 4Z2	Active

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 the appropriate fee. TSSA's fee schedule can be found at: https://www.tssa.org/en/about-tssa/resources/Documents/Public-Information-Fee-Schedule_Jan_2018.pdf. 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.

Kind regards,

Yalini

Yalini Kanagendran | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3449 | Fax: +1-416-231-6183 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Rick.Fioravanti@dsconsultants.ca <Rick.Fioravanti@dsconsultants.ca>
Sent: October 24, 2018 8:59 AM
To: Public Information Services <publicinformationservices@tssa.org>

Cc: aphrodite.koseos@dsconsultants.ca
Subject: UST/AST Search

Good Morning,

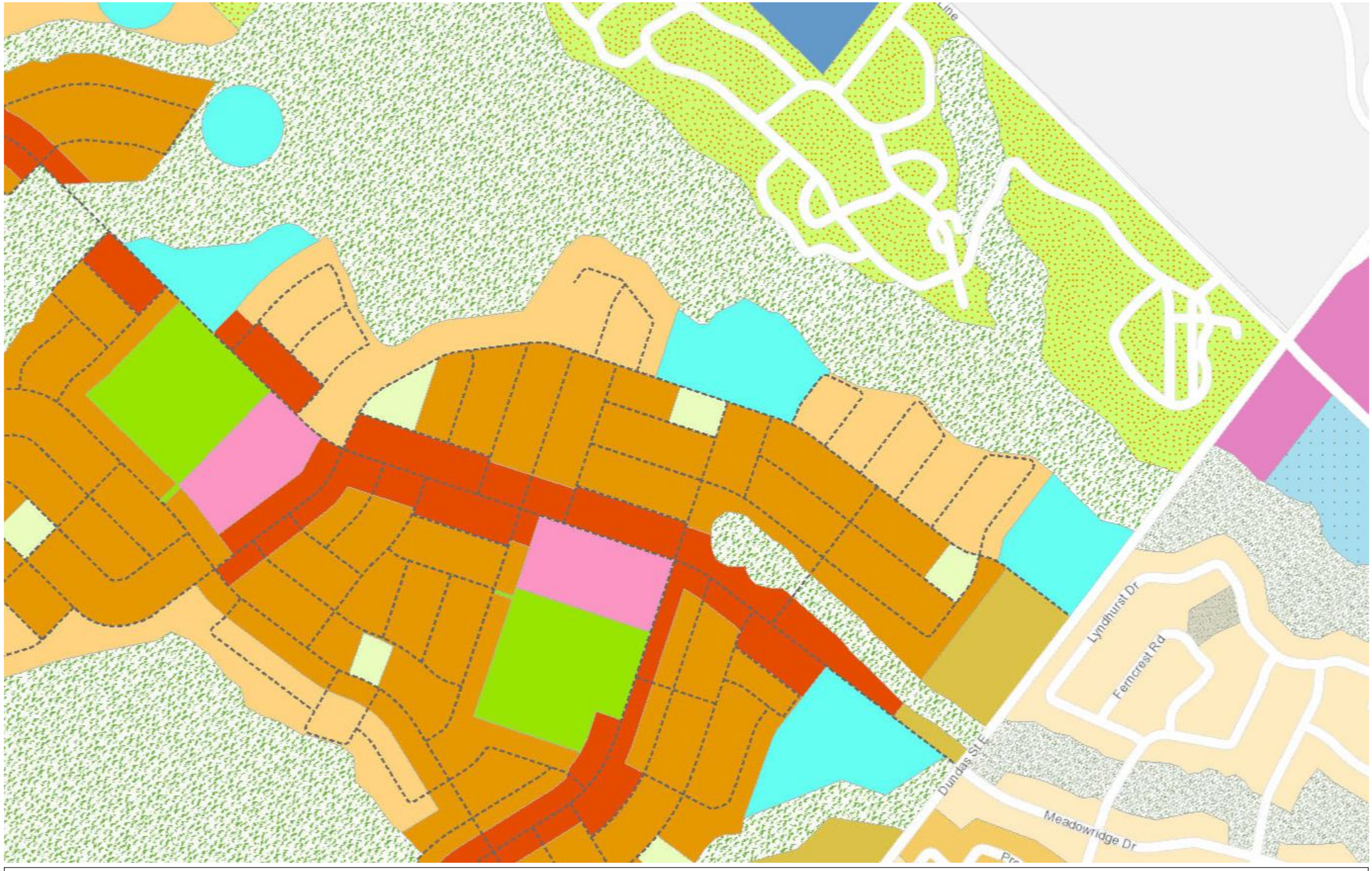
Can you please search your records for the presence of USTs or ASTs at these properties:

1429 Dundas Street East, Oakville
1264 Burnhamthorpe Road East, Oakville
1288 Burnhamthorpe Road East, Oakville
1297 Dundas Street East

Thanks

Rick Fioravanti, B.Sc., P.Geo, QP$_{ESA}$
Environmental Project Manager
DS Consultants Ltd.
6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8
Tel: (905) 264-9393, Ext: 216
Cell: (647) 234-5131
www.dsconsultants.ca

Livable Oakville - North Oakville Master Plan



Legend

- Livable Oakville Part E Except
- Livable Oakville Urban River V

North Oakville and Use

- General Urban Area
- Sub Urban Area
- Neighbourhood Centre Area
- Trafalgar Road Urban Core Area
- Dundas Street Urban Core Area
- Neyagawa Blvd. Urban Core Area
- Palermo Village North Urban Core
- High Density Residential Area
- Transitional Area
- Community Park Area
- Neighbourhood Park Area
- Village Square / Urban Square
- Cemetery Area
- Natural Heritage System Area
- Stormwater Management Facility
- Joshua Creek Floodplain Area
- Institutional Area
- Elementary School Site
- Secondary School Site
- Employment Area
- Transitway

Livable Oakville L3

- LOW DENSITY RESIDENTIAL
- LOW DENSITY RESIDENTIAL - P
- LOW DENSITY RESIDENTIAL - SI
- MEDIUM DENSITY RESIDENTIAL
- MEDIUM DENSITY RESIDENTIAL
- HIGH DENSITY RESIDENTIAL
- NEIGHBOURHOOD COMMERCIA
- COMMUNITY COMMERCIAL
- BUSINESS COMMERCIAL
- CORE COMMERCIAL
- CENTRAL BUSINESS DISTRICT
- OFFICE EMPLOYMENT
- BUSINESS EMPLOYMENT
- INDUSTRIAL

Scale:

1: 6,000

Town of Oakville

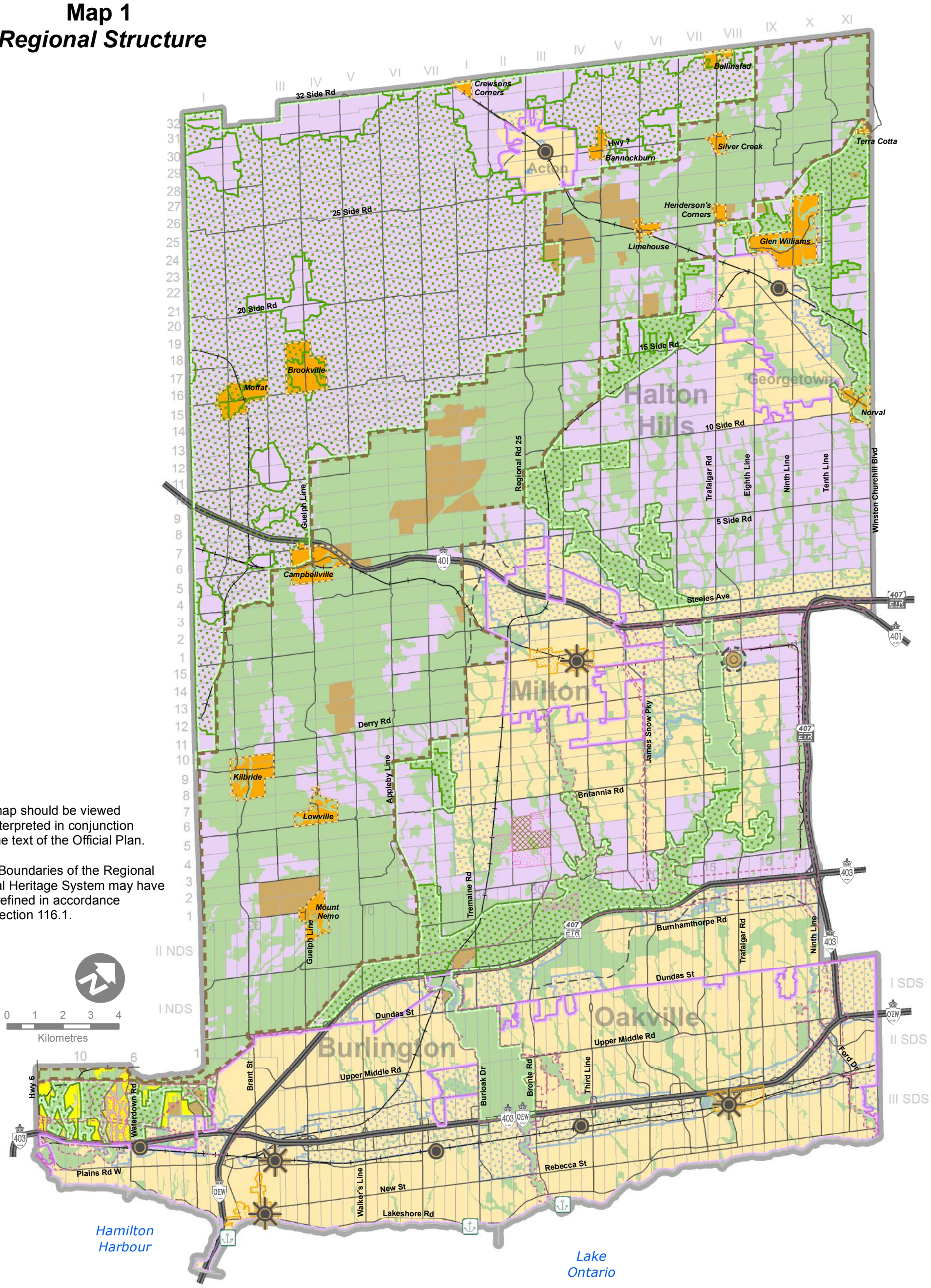
304.8 0 152.40 304.8 Meters

NAD_1983_UTM_Zone_17N

Disclaimer: THIS IS NOT A LEGAL PLAN OF SURVEY.

July 11, 2019

Map 1
Regional Structure



This map should be viewed and interpreted in conjunction with the text of the Official Plan.

* The Boundaries of the Regional Natural Heritage System may have been refined in accordance with Section 116.1.

- Waterfront Park (See Map 2)
- Major Transit Station
- Proposed Major Transit Station
- Mobility Hub
- Rail Line
- Proposed Major Arterial
- Major Road
- Provincial Freeway
- Lot and Concession Line
- Municipal Boundary

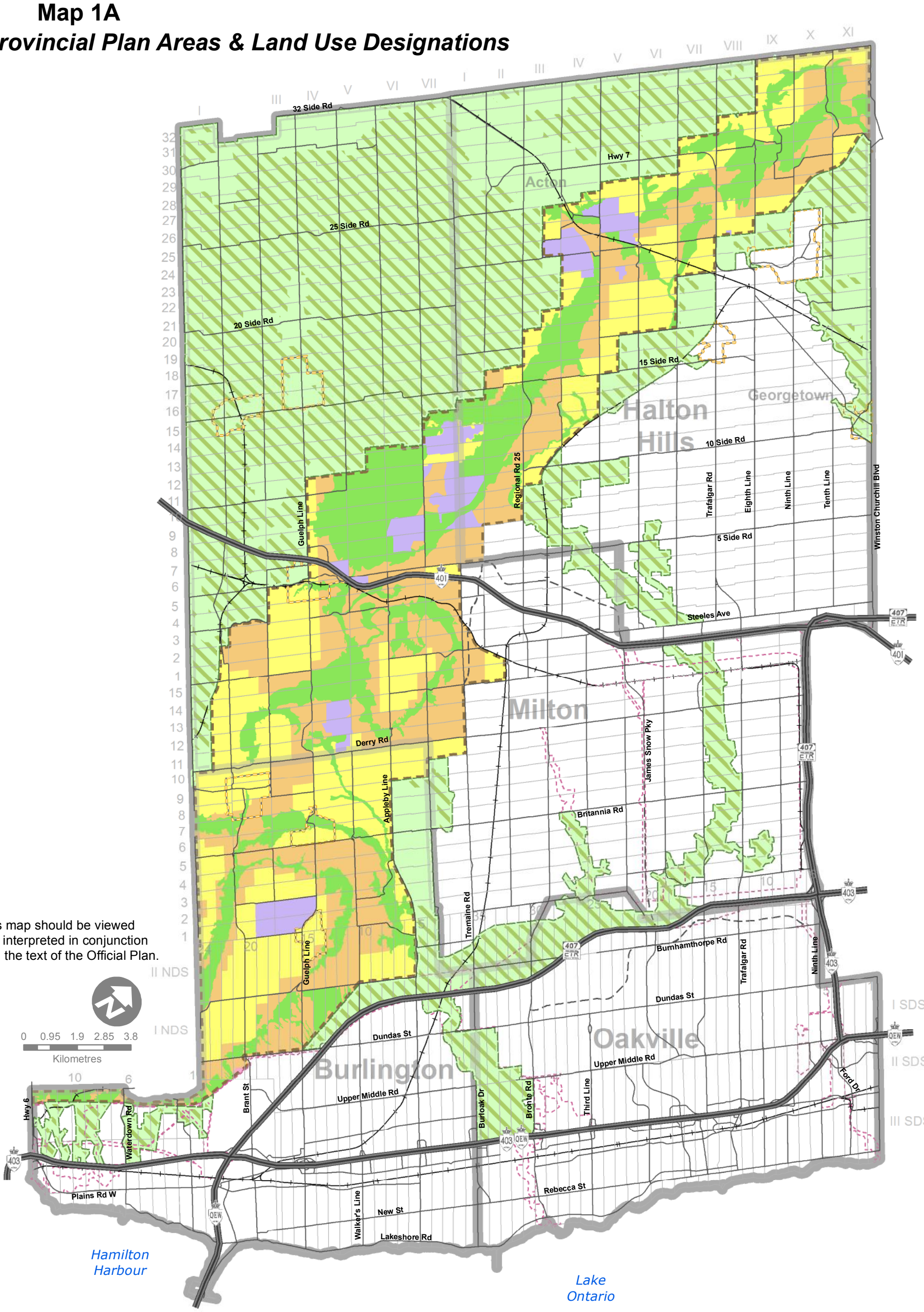
- Urban Area
- Hamlet
- Agricultural Area
- Regional Natural Heritage System *
- Mineral Resource Extraction Area
- North Aldershot Policy Area
- Greenbelt Natural Heritage System (Overlay)

- Greenbelt Plan Protected Countryside Boundary
- Niagara Escarpment Plan Boundary
- Parkway Belt West Plan Boundary
- Built Boundary
- Employment Area
- Urban Growth Centre
- Area Eligible for Urban Servicing
- Halton Waste Management Site

June 19, 2018

Map 1A

Provincial Plan Areas & Land Use Designations

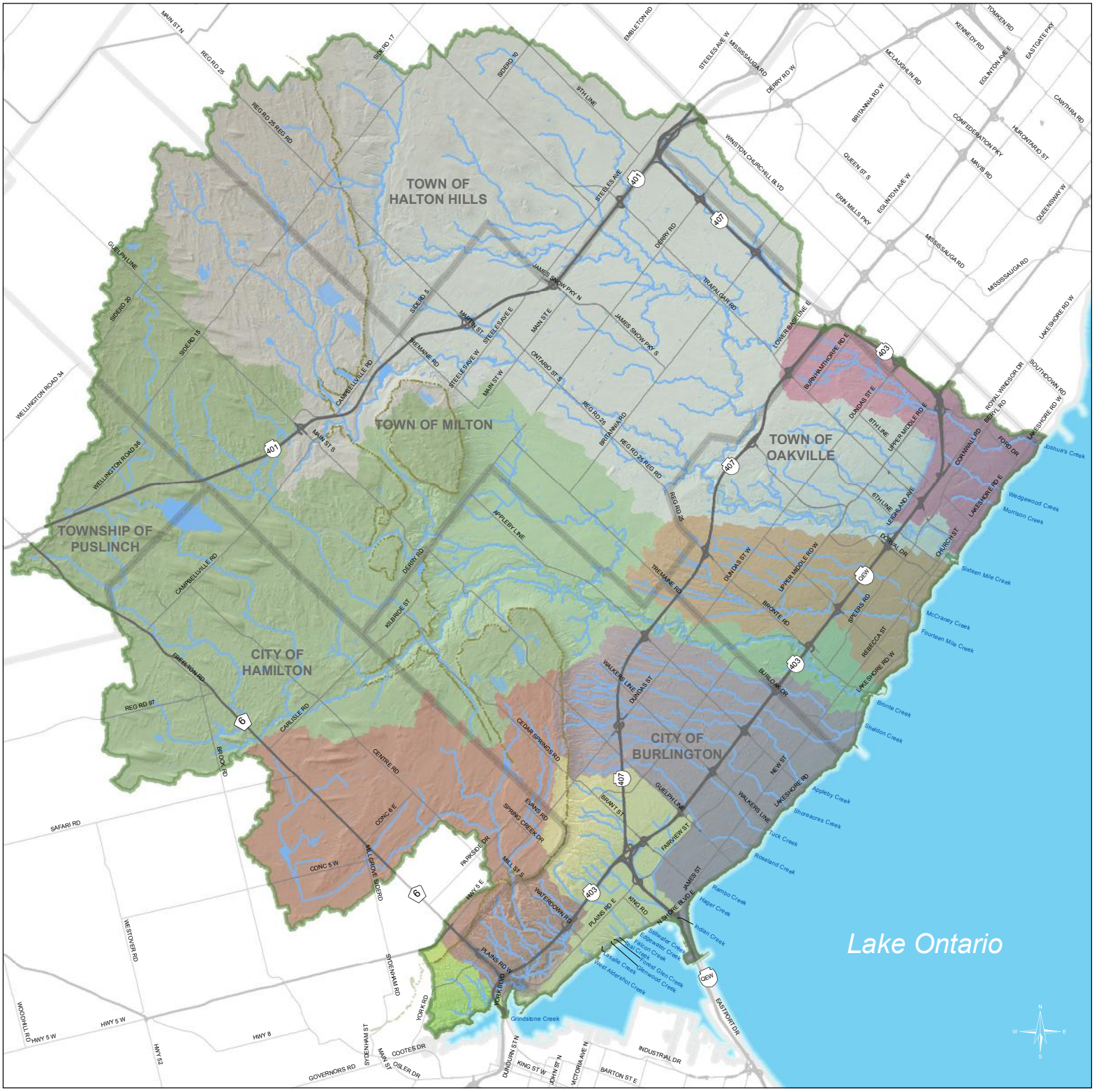


This map should be viewed and interpreted in conjunction with the text of the Official Plan.

- Rail Line
- Proposed Major Arterial
- Major Road
- Provincial Freeway
- Lot and Concession Line
- Municipal Boundary
- Parkway Belt West Plan Area
- Greenbelt Plan Protected Countryside Area
- Natural Heritage System (Greenbelt Plan)
- Niagara Escarpment Plan Area
- Hamlet Boundary
- Escarpment Natural Area
- Escarpment Protection Area
- Escarpment Rural Area
- Escarpment Mineral Resource Extraction Area

June 19, 2018

Conservation Halton Watersheds



Legend

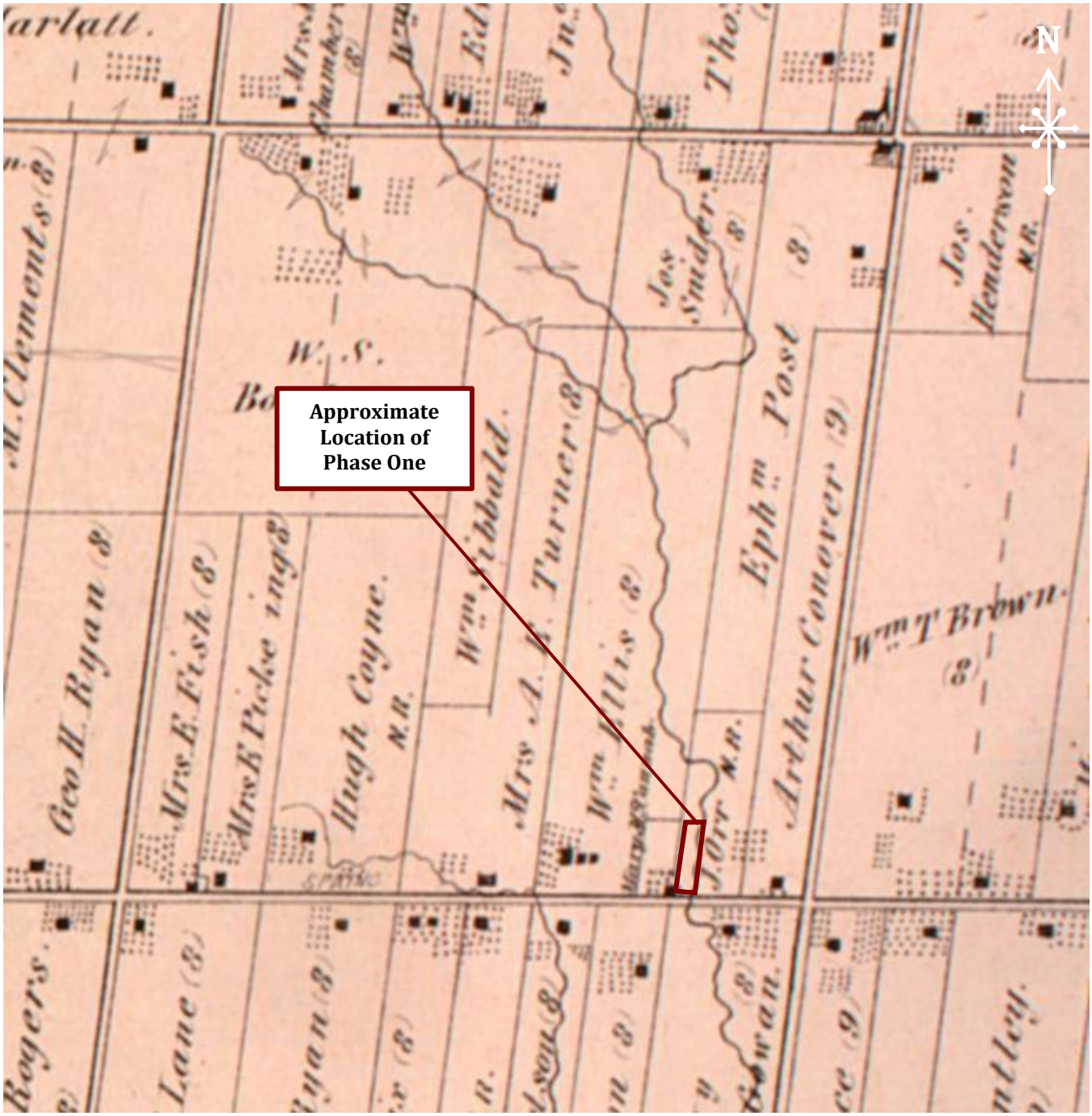
- Expressway / Highway
- Arterial Roads
- Creeks & Waterbodies
- Niagara Escarpment
- Municipal Boundaries

Watersheds

- Bronte Creek
- Burlington Urban Creeks
- Grindstone Creek
- North Cootes Paradise
- North Shore
- Oakville East Urban Creeks
- Oakville West Urban Creeks
- Sixteen Mile Creek

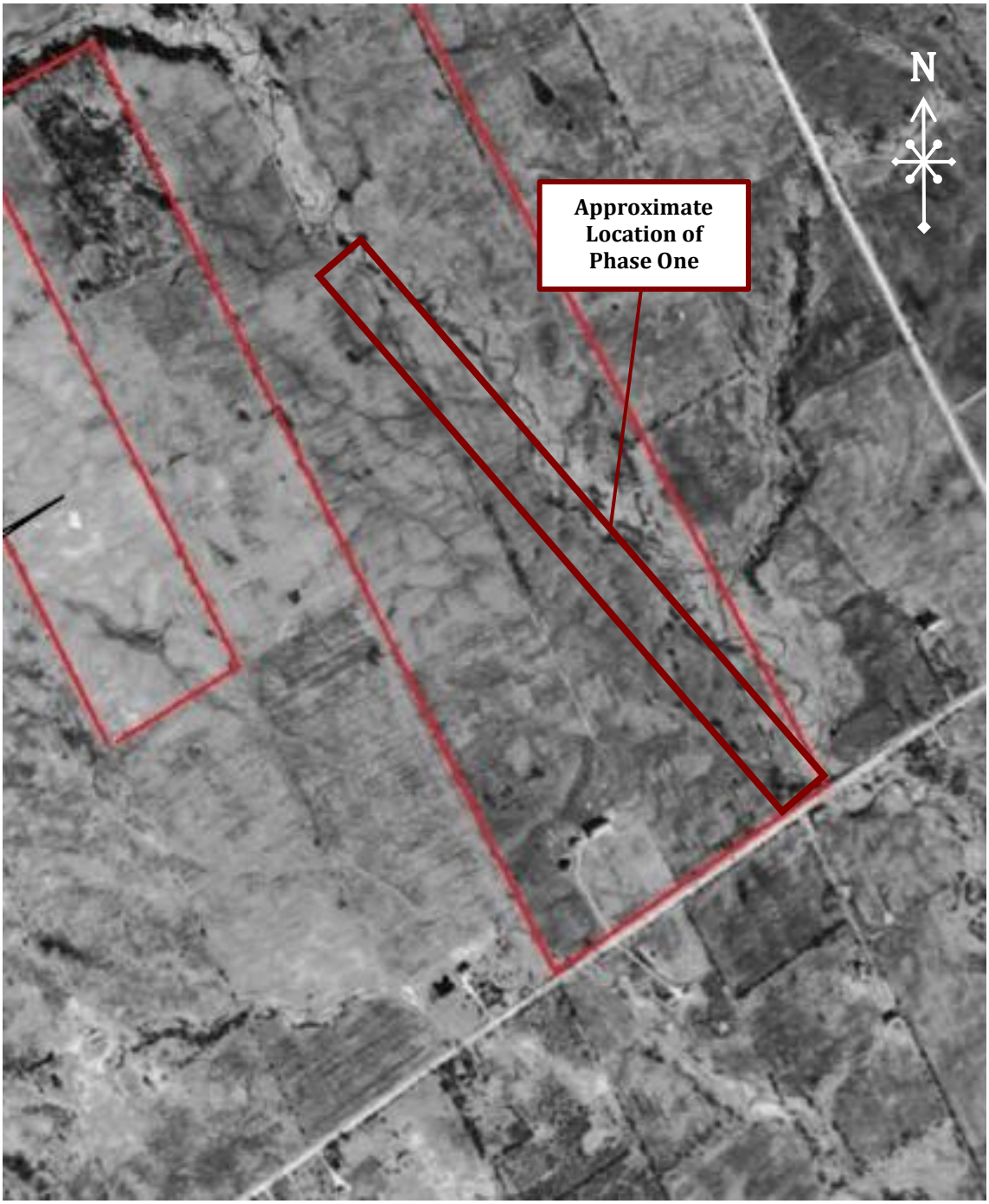
0 1 2 4 6 8 10 Kilometres

Appendix D



County Atlas Project

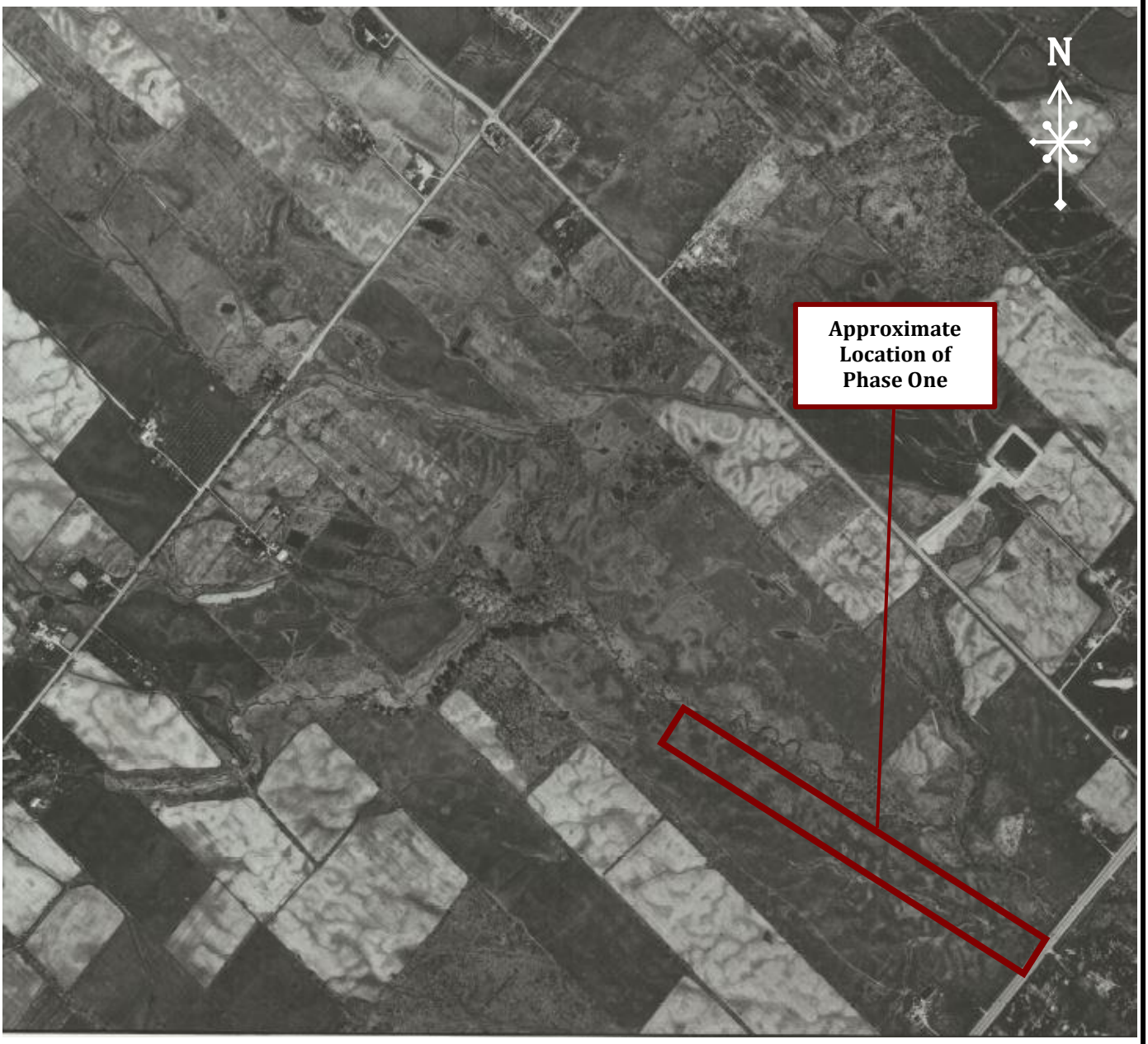
6221 Highway 7 Vaughan, ON L4H 0K8 T: 905-264-9393 F: 905-264-2685	**HALTON COUNTY ATLAS: 1880**	
Scale: NTS	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-1**



AERIAL PHOTOGRAPH: 1960

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

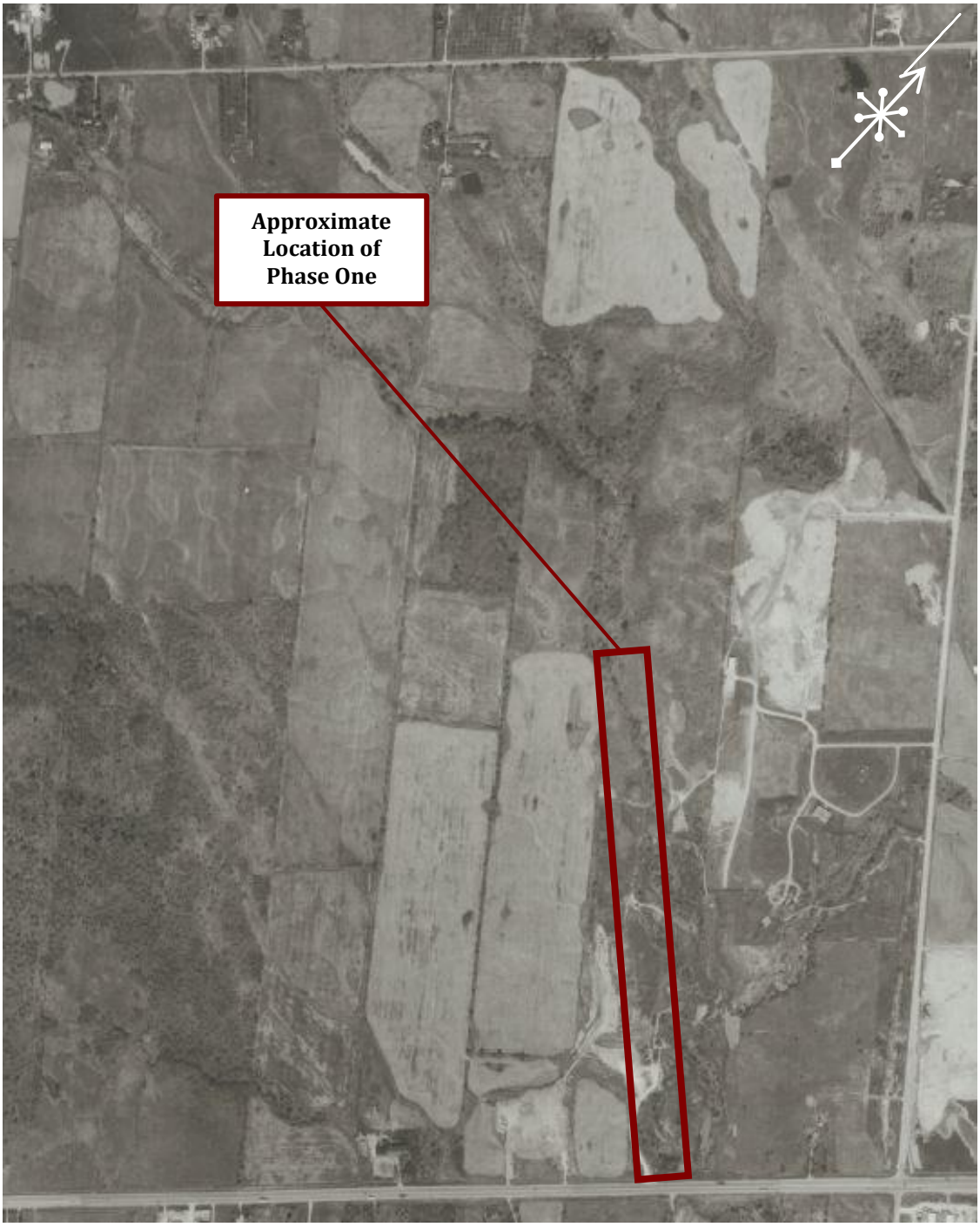
Scale:	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-2**



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1979

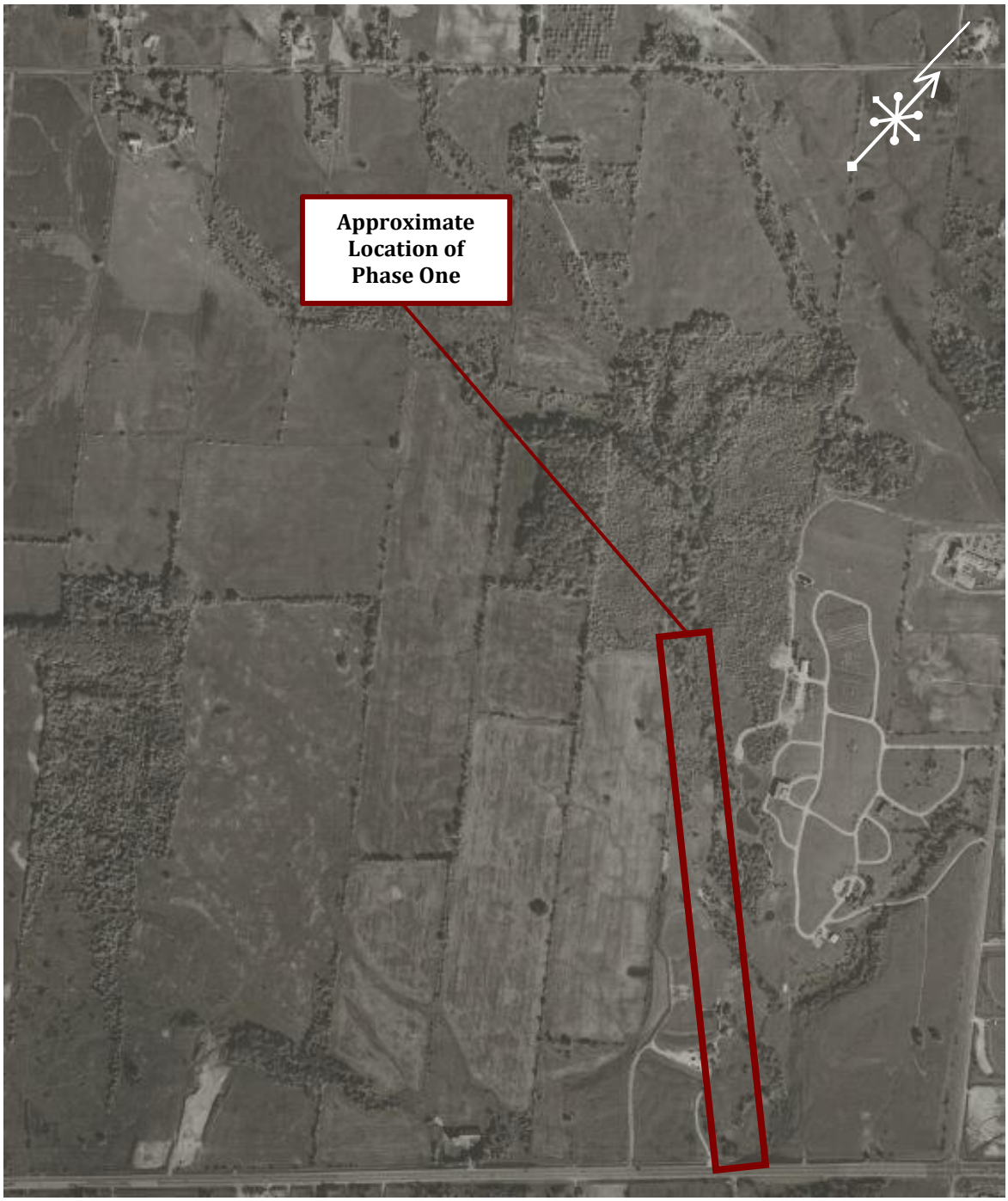
Scale: ~1:14,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-3**



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1987

Scale: ~1:12,350	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-4**



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

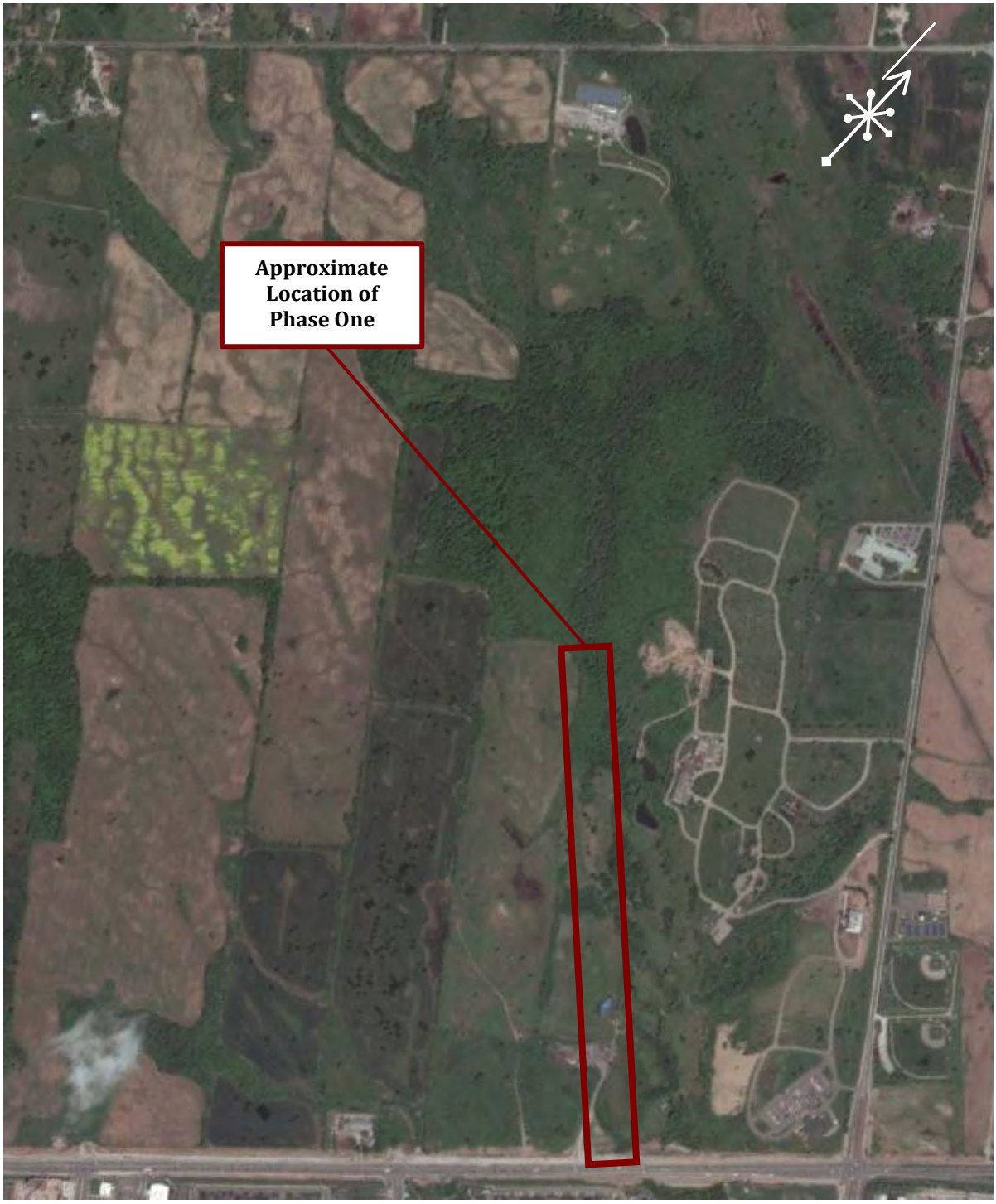
AERIAL PHOTOGRAPH: 1994

Scale: ~1:12,500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-5**

AERIAL PHOTOGRAPH: 2004

Scale: ~1:11,670	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-6**

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685



© Google Earth

AERIAL PHOTOGRAPH: 2013

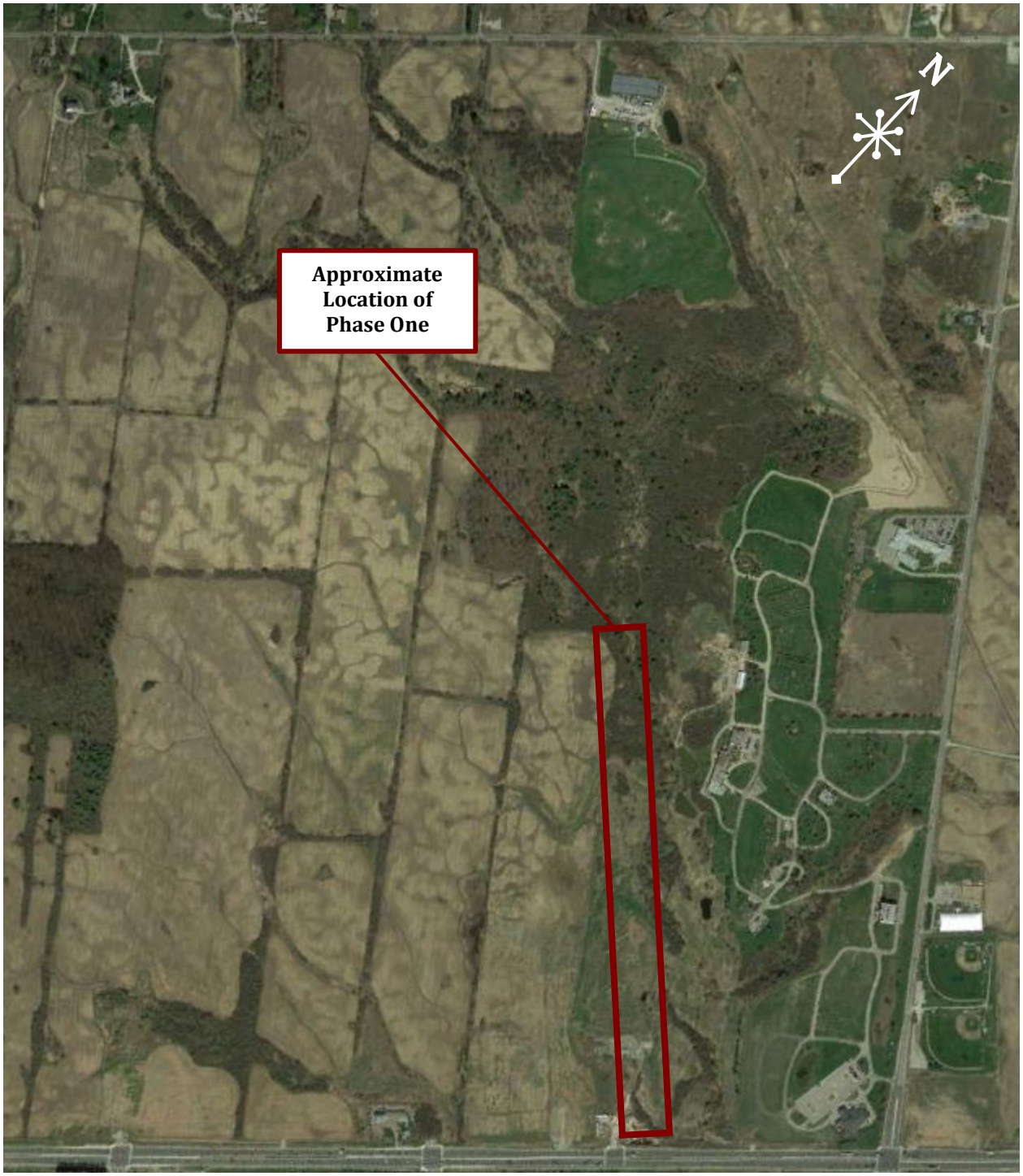
DS

6221 Highway 7

Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

Scale: ~1:11,860	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-7**



SATELLITE IMAGE: 2018

DS

6221 Highway 7

Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

Scale: ~1:11,600	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1429 Dundas St. East, Oakville, Ontario**	Prepared By: AK
Date: Jul-19		Reviewed By: RF
Project: 18-549-100	Prepared For: Bressa Developments Ltd.	Drawing No. **D-8**

Appendix E

Picture 1: View of the Phase One Property, and the east adjacent property facing east.

Picture 2: View of the seasonal drainage feature (tributary of Joshua's Creek), facing north.

Picture 3: View of the west adjacent property facing north.

Picture 4: View of the south adjacent residential subdivision, facing south.

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)
Part of Lots 6, 7 and 8, Concession 1, North of Dundas Street, Town of Oakville, Regional Municipality of Halton

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1808	Crown	Assumed agricultural	Agricultural or other use	None
1808-1839	Private Owner – William Tisdale	Agricultural	Agricultural or other use	None
1839-1924	Private Owners – Henry, Willian Shain, William Ellis	Agricultural	Agricultural or other use	Wm Ellis is depicted as the land owner in the 1877 County Atlas map.
1924-1927	Private Owner – William Bishop Levack	Agricultural	Agricultural or other use	None
1927-1937	Dunn & Levack Ltd.	Agricultural	Agricultural or other use	None
1937-1941	Private Owner – Doris Brody	Agricultural	Agricultural or other use	None
1941-1956	Private Owner – Doris Brody	Agricultural	Agricultural or other use	None
1956-1968	Longburn Investments Ltd.	Agricultural	Agricultural or other use	Three agricultural structures are visible in the 1960 aerial photograph. The majority of the Site appears to have been cultivated at this time.

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
1968-1969	Milkwood Properties Ltd.	Agricultural	Agricultural or other use	None
1969-1969	Trans-Oakville Properties Ltd.	Agricultural	Agricultural or other use	None
1969-2004	Lakeport Developments Company Ltd.	West half of Site – Agricultural East half of Site – Commercial (Golf Course)	Commercial	The historical club house building and maintenance/storage shed building associated with the former White Oaks Golf Club (est. 1985) was observed in the 1987 aerial photograph
2004-Present	Bressa Developments Ltd.	West half of Site – Agricultural East half of Site – Commercial (Golf Course)	Commercial	The former White Oaks Golf Club closed in 2014. The former club house building and maintenance/storage shed building associated with the former White Oaks Golf are no longer present in the 2018 aerial photograph.

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

Appendix G

 Lisa Leva

CHAIN OF TITLE

LOT: 6, CONC. 1, NDS ~~PLAN:~~ 200ac. OAKVILLE RE:

INSTRUMENT	OWNERS	FROM	TO
PATENT	CROWN — WILLIAM HISDALE (ALL)	Oct. 28, 1808	JUNE 12, 1839
785[L] BAS	HENRY SHAIN (50ac)	JUNE 12, 1839	DEC. 9, 1856
555 BAS	WILLIAM P. SHAIN (REAR PART)	DEC. 9, 1856	Aug 9, 1924
	EST. CATHERINE SHAIN, DECEASED		
15068[E] GR.	WILLIAM BISHOP LEVACK	Aug. 9, 1924	Aug. 18, 1927
16142[F] GR.	DUNN & LEVACK LTD.	Aug. 18, 1927	JAN 19, 1937
18554[H] GR.	DORIS BRODY	JAN. 19, 1937	APR. 8, 1941
19606 GR.	JACK SQUIRE WELSMAN, LOLITA WELSMAN, (161.53ac)	APR. 8, 1941	NOV. 7, 1956

CONT'D →

 Lisa Leva

CHAIN OF TITLE

LOT: PLAN: RE:

INSTRUMENT	OWNERS	FROM	TO
58217 GR.	JACK SQUIRE & LOLITA WELSMAN	NOV. 7, 1956	
	LONGBURN INVESTMENTS LTD.		
	KELWOOD " "		
	MATLOCK " "		
	STONECLIFFE " "		
	(161-530E.)		
MTG. 58218 - NOV 7/56 - Jack Squire & Lolita Welsman FORECLOSED (See FOF 162830)			
MTG 58219 - NOV 7/56	HAROLD GROSS		
58220 GR.	-"- -"- -"-	NOV. 7, 1956	
	-"- -"- -"-		
	-"- -"- -"-		
	-"- -"- -"-		
	(161-530E)		

(Cont'd Page 3

Pg. 1 B

Lisa Leva

CHAIN OF TITLE

LOT: 6, Conc. 1, NDS ~~PLAN~~: 200ac. OAKVILLE RE:

INSTRUMENT	OWNERS		FROM	TO
	PATENT →	WILLIAM LISDALE (all)		
311 Q GIFT DEED		THOMAS A. LISDALE (JOHN W. LISDALE) UND. ½ INTEREST (75ac)	SEPT. 30, 1846	May 1, 1851
29 B&S		THOMAS A. LISDALE (75ac.)	MAY 1, 1851	MAR. 23, 1854
590 B&S		THOMPSON SMITH (75 ac)	May 23, 1854	Dec. 15, 1856
568 B&S		EPHRAIM POST	Dec. 15, 1856	JAN. 5, 1857
599 B&S		WILLIAM SHAIN 50ac.	JAN. 5, 1857	Aug. 9, 1924
		EST. CATHERINE SHAIN, Widow - Deceased		
15068 GR.		WILLIAM BISHOP LEVACK	Aug. 9, 1924	Aug 18, 1927

CONT'D →

2B Lisa Leva

CHAIN OF TITLE

LOT: PLAN: RE:

INSTRUMENT	OWNERS	FROM	TO
	WILLIAM BISHOP LEVACK		AUG. 18, 1927
F 16142 GR.	DUNN & LEVACK LTD.	AUG. 18, 1927	JAN. 19, 1937
# 18554 GR.	DORIS BRODY	JAN. 19, 1937	APR. 8, 1941
19606 GR.	JACK SQUIRE WELSMAN LOLITA WELSMAN (1/61.53ac)	APR. 8, 1941	NOV. 7, 1956
58217 GR.	LONGBURN INVESTMENTS LTD KELWOOD " " MATLOCK " " STONECLIFFE " "	NOV. 7, 1956	FEB. 3, 1964
MTG. 58218 NOV 7/56 FORECLOSED ON FOF-162830	Jack Squire & Lolita Welsman		
MTG 58219 - " -	HAROLD GROSS		
58220 GR.	LONBURN INV'S LTD et al	NOV 7, 1956	FEB. 3, 1964

CONT'D pg 3

 Lisa Leva

CHAIN OF TITLE

LOT 5 6,7,8, CONC. 1, NDS PLAN: OAKVILLE RE:

INSTRUMENT	OWNERS	FROM	TO
	LONGBURN INV'S LTD ETAL		
	JACK SQUIRE WELSMAN		
162830 CERT. FOF (MTG 58218)	LOLITA WELSMAN	FEB 03, 1964	APR. 30, 1968
246052 GR.	MILKWOOD PROPERTIES LIMITED	APR. 30, 1968	JAN 15, 1969
263229 GR.	TRANS-OAKVILLE PROPERTIES LIMITED	JAN. 15, 1969	JULY 31, 1969
276403 GR. (COPY)	LAKEBRI DEVELOPMENTS & CO. LIMITED	JULY 31, 1969	2004-06-07
~~HR 112902 ABSOLUTE TITLE~~			
HR 291732 TRANS (COPY)	BRESSA DEVELOPMENTS LIMITED	2004-06-07	PRESENT

CHAIN OF TITLE

Lisa Leva

pg 1

LOT: 7, CONC. 1 - NDS PLAN: 200 ac. OAKVILLE RE:

INSTRUMENT	OWNERS		FROM	TO
PATENT	CROWN	EZEKIEL POST. (ALL)	FEB. 13, 1808	APR. 25, 1834
727 B&S.		JOHN C. POST (75ac)	APR. 25, 1834	JUNE 29, 1841
74 N B&S		HENRY SHAIN (")	JUNE 29, 1841	JULY 10, 1842
530 N B&S		JOHN C. POST (")	JULY 10, 1842	MAR. 15, 1854
578 B B&S.		WILLIAM CAWTHRA	MAR. 15, 1854	NOV. 21-1854
793 B B&S.		THOMAS FALCON	NOV. 21-1854	
524 C COURT ORDER	RICHARD MARTIN ETAL (PLTFFS.)	— " — — " — DEFTS	NOV. 12-1856	JUNE 28, 1859
128 B&S		JAMES MITCHELL (75ac)	JUNE 28, 1859	

CONT'D

Pg 2 Lisa Leva

CHAIN OF TITLE

LOT: PLAN: RE:

INSTRUMENT	OWNERS		FROM	TO
		JAMES MITCHELL (75ac.)		MAY 16, 1860
442 D B&S		WILLIAM ELLIS (75)	MAY 16, 1860	MAY 31 1866
720 & Release		WILLIAM T. BROWN (—"—)	MAR 31 1866	APR 17 1879
2739 M B&S.		—"— —"—		MAR 25 1886
4567 Q B&S.		HENRY STEPHENS (75ac)	MAR 25, 1886	SEPT 29, 1920
13521 D GR.		WILLIAM B. LEVACK ESTATE	SEPT 29, 1920	AUG 18, 1927
16142 F GR.		DUNN & LEVACK LIMITED (75)	AUG 18, 1927	JAN 19, 1937
18554 N GR.		DORIS BRADY (SOME & 75)	JAN 19, 1937	APR 06, 1941

CONT'D

CHAIN OF TITLE

LOT: PLAN: RE:

INSTRUMENT	OWNERS	FROM	TO
	Doris Brody (750ac)		APR. 06, 1941
GR. 19606 B →	Jack Squire Welsman and Lolita —"— W.J.T. (acc)	APR. 06, 1941	Nov. 07, 1956
58217 N GR.	Longbeach Investments Ltd	Nov. 7, 1956	
SEE FOF. 162830	Kelwood " "		
	Matlock " "		
	Stonecliffe " " (161.58ac.)		
58218 N MTG. FOF 162830	Jack Squire Welsman & Lolita Welsman		
58219 N MTG.			
58220 N Q.C.			

CONT'D. Pg 4

Page 4 Lisa Leva

CHAIN OF TITLE

LOTS 6,7,8, CONC. 1, NDS ~~PLAN:~~ OAKVILLE

RE:

INSTRUMENT	OWNERS	FROM	TO
	LONGBURN INV'S LTD ETAL ↓ JACK SQUIRE WELSMAN		
162830 CERT. FOF	LOLITA WELSMAN	FEB 03, 1964	APR. 30, 1968
(MTG 58218)			
246052 GR.	MILKWOOD PROPERTIES LIMITED	APR. 30, 1968	JAN 15, 1969
263229 GR.	TRANS-OAKVILLE PROPERTIES LIMITED	JAN. 15, 1969	JULY 31, 1969
276403 GR.	(COPY) LAKEPORT DEVELOPMENTS CO. LIMITED	JULY 31, 1969	2004-06-07
HR112902 APPL.	ABSOLUTE TITLE (COPY)		
HR 291732 TRANS	(COPY) BRESSA DEVELOPMENTS LIMITED	2004-06-07	PRESENT

Lisa Leva

CHAIN OF TITLE

LOT: 8, CONC. 1, NDS (200ac.) PLAN: OAKVILLE RE:

INSTRUMENT	OWNERS		FROM	TO
PATENT	CROWN	MARY DAVIDSON	AUG. 29, 1810	JULY 12, 1825
324[C] B&S.		JOHN SMITH	JUL. 12, 1825	MAY 14, 1830
285[F] WILL		EST. ↓ DEMPSTER SMITH JAMES SMITH (133⅓ac.)	MAY 14, 1830	JAN 11, 1851
496[B] B&S		WILLIAM P. SMITH (-11-)	JAN. 11, 1851	MAR. 24, 1855
944[B] B&S.		WILLIAM GILBALCH (-11-)	MAR. 24, 1885	DEC 26, 1855
195[C] GR. DEC. 5/85	JOSEPH ORR (30ac.) NOL			
224[C] B&S.		ANDREW LINDSAY (103½ac)	DEC. 26, 1855	MAR. 7, 1861
609[C] B&S		RICHARD BLOOMFIELD (103½ac)	MAR. 7, 1861	DEC. 30, 1865

CONT'D

CHAIN OF TITLE

LOT: 8, Conc. 1, NDS PLAN: OAKVILLE RE:

INSTRUMENT	OWNERS	RICHARD BLOOMFIELD	FROM	TO Dec. 30, 1865
662[E] B&S		WILLIAM GILBACH	Dec. 30, 1865	APR. 2, 1877
2196[L] B&S.		ROBERT SCOTT (103⅓ac)	APR. 2, 1877	FEB. 20, 1879
2706[M] B&S		JOSEPH TWEDDLE (103⅓ac)	FEB. 20, 1879	MAR. 8, 1881
3203[N] B&S.		JOHN FORSTER (103⅓ac.)	MAR. 8, 1881	NOV. 1, 1882
3687[O] B&S.		NEWTON LUTHER FORSTER (103⅓ac)	NOV. 1, 1882	FEB. 27, 1923
14519 GR.		WILLIAM NEWTON FORSTER (103⅓ac)	FEB. 27, 1923	FEB. 4, 1928
15241 GR.		CASSIE DRURY FORSTER (103⅓ac.)	FEB. 4, 1928	MAR. 6, 1929
16621 GR.		NEWTON LUTHER FORSTER (103⅓ac)	Mar. 6, 1929	APR 18, 1929

Cont'd.

Lisa Leva

CHAIN OF TITLE

LOT: 8, Conc. 1, NDS PLAN: OAKVILLE RE:

INSTRUMENT	OWNERS		FROM	TO
		NEWTON LUTHER FORSTER		APR. 18, 1929
16668 F GR.		THOMAS SCOTT WILLIAM J. SCOTT (130 1/3 ac)	APR. 18, 1929	FEB. 2, 1937
18564 H Gt. Cl.		WILLIAM J. SCOTT (103.1/3 ac)	FEB. 2, 1937	FEB. 2, 1937
18566 H GR.		GEORGE ST. LEGER MCCALL (103 1/3 ac)	FEB. 2, 1937	JAN. 10, 1969
262957 GR.		TRANS-OAKVILLE PROPERTIES LIMITED	JAN. 10, 1969	JULY 31, 1969
276403 GR.	(copy)	LAKEPORT DEVELOPMENTS CO. LTD. (107.673 ac)	JULY 31 - 1969 (G.003 ac) (0.293 ac)	2004.0607
HR. 112902	APPL. TITLE ABSOLUTE (COPY)			
HR291732 TRANS.	(copy)	BRESSA DEVELOPMENTS LIMITED all	2004-06-14	present

Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24930-0167 (LT)

PREPARED FOR LL
ON 2014/10/24 AT 11:57:58

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

PROPERTY DESCRIPTION: PT LTS 6,7 & 8, CON 1 TRAF NDS, PT 1 20R14669 S & E PTS 10 & 12 HR892160; S/T TEMPORARY EASEMENT OVER PTS 11,13 & 14 HR892160; TOWN OF OAKVILLE

PROPERTY REMARKS: S/T SUB.SEC. 44(1) OF THE LAND TITLES ACT EXCEPT PAR. 3 & 14 AND PROVINCIAL SUCCESSION DUTIES & EXCEPT PAR. 11 AND ESCHEATS OR FORFEITURE TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE.

ESTATE/QUALIFIER:
FEE SIMPLE
ABSOLUTE

RECENTLY:
DIVISION FROM 24930-0111 ✓

PIN CREATION DATE:
2010/11/29

OWNERS' NAMES
BRESSA DEVELOPMENTS LIMITED

CAPACITY SHARE
NC

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2010/11/29 **						
676242	1987/09/17	AGREEMENT			THE CORPORATION OF THE TOWN OF OAKVILLE	C
726072	1989/08/17	RELEASE				C
	REMARKS: 676242					
20R14669	2002/06/14	PLAN REFERENCE				C
HR123919	2002/06/14	APL ABSOLUTE TITLE		LAKEPORT DEVELOPMENTS CO. LIMITED	LAKEPORT DEVELOPMENTS CO. LIMITED	C
HR291732	2004/06/07	TRANSFER	$12,494,602	LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	C
HR658103	2008/04/24	NOTICE		THE CORPORATION OF THE TOWN OF OAKVILLE		C
HR689764	2008/08/15	NOTICE	$1	NORTH OAKVILLE COMMUNITY BUILDERS INC.		C
HR719272	2008/11/25	NOTICE		NORTH OAKVILLE COMMUNITY BUILDERS INC.		C
20R18232	2009/04/21	PLAN REFERENCE				C
HR1165728	2014/02/20	NOTICE	$2	MATTAMY (BROWNRIDGE) LIMITED MATTAMY (WILLMOTT) LIMITED MATTAMY (MILTON WEST) LIMITED LOWER FOURTH LIMITED PENDENT DEVELOPMENTS LIMITED 404072 ONTARIO LIMITED BRESSA DEVELOPMENTS LIMITED SHERBORNE LODGE DEVELOPMENTS LIMITED DUNOAK DEVELOPMENTS INC.	THE REGIONAL MUNICIPALITY OF HALTON	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.

SUBJECT LANDS - 0167 (FSA)

Page 1

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR1165771	2014/02/20	NOTICE	$2	BRESSA DEVELOPMENTS LIMITED	THE REGIONAL MUNICIPALITY OF HALTON	C

Subject Lands -0167

Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24930-0111 (LT)

PREPARED FOR LL
ON 2014/10/24 AT 11:57:56

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

PROPERTY DESCRIPTION: PT LTS 6,7 & 8, CON 1 TRAF NDS, PT 1 20R14669; OAKVILLE.

PROPERTY REMARKS: S/T SUB.SEC. 44(1) OF THE LAND TITLES ACT EXCEPT PAR. 3 & 14 AND PROVINCIAL SUCCESSION DUTIES & EXCEPT PAR. 11 AND ESCHEATS OR FORFEITURE TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE.

ESTATE/QUALIFIER:
FEE SIMPLE
ABSOLUTE

RECENTLY:
RE-ENTRY FROM 24930-0021

PIN CREATION DATE:
2002/06/14

OWNERS' NAMES
BRESSA DEVELOPMENTS LIMITED

CAPACITY SHARE
NC

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2002/06/14 **						
NOTE: THIS PROPERTY WAS RETIRED ON 2010/11/29. THIS PROPERTY IS NOW DIVIDED INTO THE FOLLOWING PROPERTIES: 24930-0165 TO 24930-0167						
51786	1956/06/14	ASSIGNMENT GENERAL		*** DELETED AGAINST THIS PROPERTY ***		
276403	1969/07/31	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	LAKEPORT DEVELOPMENTS CO. LIMITED	
676242	1987/09/17	AGREEMENT			THE CORPORATION OF THE TOWN OF OAKVILLE	C
726072	1989/08/17	RELEASE				C
REMARKS: 676242						
HR54252	2001/06/12	CHARGE		*** DELETED AGAINST THIS PROPERTY *** LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	
HR112902	2002/04/19	NO APL ABSOLUTE		LAKEPORT DEVELOPMENTS CO. LIMITED	LAKEPORT DEVELOPMENTS CO. LIMITED	C
HR122972	2002/06/10	NOTICE		*** DELETED AGAINST THIS PROPERTY *** LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	
REMARKS: HR54252						
20R14669	2002/06/14	PLAN REFERENCE				C
HR123919	2002/06/14	APL ABSOLUTE TITLE		LAKEPORT DEVELOPMENTS CO. LIMITED	LAKEPORT DEVELOPMENTS CO. LIMITED	C
HR152809	2002/10/11	APL (GENERAL)		*** COMPLETELY DELETED *** LAKEPORT DEVELOPMENTS CO. LIMITED		
REMARKS: DELETE 51786						

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.

P.I.N's Prior Title 0111 (FSR)
Prior
1

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR202170	2003/06/09	NOTICE		*** COMPLETELY DELETED *** LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	
	REMARKS: HR54252					
HR291732	2004/06/07	TRANSFER	$12,494,602	LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	C
HR291736	2004/06/07	CHARGE		*** COMPLETELY DELETED *** BRESSA DEVELOPMENTS LIMITED	LAKEPORT DEVELOPMENTS CO. LIMITED	
HR291737	2004/06/07	DISCH OF CHARGE		*** COMPLETELY DELETED *** BRESSA DEVELOPMENTS LIMITED		
	REMARKS: RE: HR54252					
HR658103	2008/04/24	NOTICE		THE CORPORATION OF THE TOWN OF OAKVILLE		C
HR689764	2008/08/15	NOTICE	$1	NORTH OAKVILLE COMMUNITY BUILDERS INC.		C
HR719272	2008/11/25	NOTICE		NORTH OAKVILLE COMMUNITY BUILDERS INC.		C
20R18232	2009/04/21	PLAN REFERENCE				C
HR805521	2009/12/07	DISCH OF CHARGE		*** COMPLETELY DELETED *** LAKEPORT DEVELOPMENTS CO. LIMITED		
	REMARKS: HR291736.					
HR892160	2010/11/26	PLAN EXPROPRIATION			THE REGIONAL MUNICIPALITY OF HALTON	C
	REMARKS: 10 TO 14					

OLD Reg Title - 0111 (LT)

(3)

Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

LAND REGISTRY OFFICE #20

24930-0021 (LT)

PREPARED FOR LL
ON 2014/10/24 AT 11:57:54

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

PROPERTY DESCRIPTION: PT LTS 6,7 & 8, CON 1 TRAF NDS, AS IN 276403 EXCEPT PT 1 20R7898 & 343576; OAKVILLE.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/03/25

OWNERS' NAMES
LAKEPORT DEVELOPMENTS CO. LIMITED

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/03/25 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/03/25						
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1996/03/22 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
**	SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *					
**	AND ESCHEATS OR FORFEITURE TO THE CROWN.					
**	THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF					
**	IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY					
**	CONVENTION.					
**	ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.					
**DATE OF CONVERSION TO LAND TITLES: 1996/03/25 **						
NOTE: THIS PROPERTY WAS RETIRED ON 2002/06/14. THIS PROPERTY IS NOW RE-ENTERED INTO THE FOLLOWING PROPERTY: 24930-0111						
51786	1956/06/14	ASSIGNMENT GENERAL				C
276403	1969/07/31	TRANSFER	$2		LAKEPORT DEVELOPMENTS CO. LIMITED	C
20R6774	1984/10/24	PLAN REFERENCE				C
20R7898	1987/01/22	PLAN REFERENCE				C
676242	1987/09/17	AGREEMENT			THE CORPORATION OF THE TOWN OF OAKVILLE	C
20R9420	1989/07/12	PLAN REFERENCE				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.

Old Prior Title - 2021 (54)

Prior Title

(1)

* 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
726072	1989/08/17	RELEASE				C
	REMARKS: 676242					
HR54252	2001/06/12	CHARGE	$1,600,000	LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	C
HR101998	2002/02/19	APL (GENERAL)		*** COMPLETELY DELETED *** LAKEPORT DEVELOPMENTS CO. LIMITED		
	REMARKS: DELETE S/T LIFE INTEREST IN 262957					
	CORRECTIONS: 'THIS INSTRUMENT' WAS DELETED FROM PROPERTY 24930-0021 IN ERROR AND WAS RE-INSTATED ON 2002/05/30 BY JENNIFER HOLMES.					
HR112902	2002/04/19	NO APL ABSOLUTE (COPY)		LAKEPORT DEVELOPMENTS CO. LIMITED	LAKEPORT DEVELOPMENTS CO. LIMITED	C COPY
HR122972	2002/06/10	NOTICE	$2	LAKEPORT DEVELOPMENTS CO. LIMITED	BRESSA DEVELOPMENTS LIMITED	C
	REMARKS: HR54252					
20R14669	2002/06/14	PLAN REFERENCE				C
HR123919	2002/06/14	APL ABSOLUTE TITLE		LAKEPORT DEVELOPMENTS CO. LIMITED	LAKEPORT DEVELOPMENTS CO. LIMITED	C

O. Lids - Prior Title - 0021

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SCALE

0 90 180 270 360 450 meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	00050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

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PRINTED ON 24 OCT, 2014 AT 12:05:21
FOR LL

SCALE

0 90 180 270 360 450 meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

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NOTES

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