Phase One Environmental Site Assessment

"North Parcel"

Part of Lot 12, Concession 2 Trafalgar – North of William Halton Parkway

Oakville, Ontario

Prepared For:

Argo Development Corporation

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Burlington, Ontario

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Executive Summary

DS Consultants Ltd. (DS) was retained by Argo Development Corporation (the "Client") to conduct a Phase One Environmental Site Assessment (ESA) of the Property described as Part of Lot 12, Concession 2, Oakville, Ontario. It should be noted that this report pertains to the lands situated north of William Halton Parkway. DS understands that this Phase One ESA has been requested for due diligence purposes and in support permitting of the proposed redevelopment of the Phase One Property for mixed residential and commercial purposes. It is further understood that the proposed development will consist of mid- to high-rise buildings, and that the proposed design is still to be finalized.

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objective 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 an irregular shaped 1.9-hectare (4.7 acres) parcel of land situated within a rural area in the Town of Oakville, Ontario. The Phase One Property is situated approximately 440m north of the intersection of Burhamthorpe Road East and Trafalgar Road. The Site was vacant of structures and used for agricultural purposes at the time of this assessment. A tributary of Joshua Creek traverses the eastern portion of the Site.

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

- The Phase One Property has never been developed, and has only been utilized for agricultural purposes.
- The topography on the Phase One Property and within the Phase One Study Area is generally flat with a surface elevation of 180 metres above sea level (masl) and a slight slope to the southeast. Based on the local topography, the shallow groundwater flow direction is inferred to be southeast 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 situated within a Till Moraines physiographic region. The overburden in the vicinity of the Phase One Property is described as "clay to silt-textured till, derived from glaciolacustrine deposits or shale" and

the bedrock geology within the Phase One Study Area is described as "Queenston Formation consisting of shale, limestone, dolostone, siltstone". Based on a review of previous reports, the bedrock underlying the Phase One Property is anticipated at a depth of approximately 7 metres below ground surface (mbgs);

- No potentially contaminating activities were identified on the Phase One Property, nor were any potentially contaminating activities identified within the Phase One Study Area.

Based on a review of the information available at this time it is concluded that no PCAs were identified within the Phase One Study Area which are considered to be contributing to any APECs in, on, or under the Phase One Property. Based on this conclusion, no further environmental investigations are recommended at this time. A Record of Site Condition may be filed based on the findings of the Phase One ESA.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by Argo Development Corporation (the "Client") to conduct a Phase One Environmental Site Assessment (ESA) of the Property described as Part of Lot 12, Concession 2, Oakville, Ontario. It should be noted that this report pertains to the lands situated north of William Halton Parkway. DS understands that this Phase One ESA has been requested for due diligence purposes and in support permitting of the proposed redevelopment of the Phase One Property for mixed residential and commercial purposes. It is further understood that the proposed development will consist of mid- to high-rise buildings, and that the proposed design is still to be finalized.

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

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

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	PT LT 12, CON 2 TRAF NDS, BEING PTS 5 TO 10 20R20025; S/T A PERMANENT EASEMENT OVER PTS 2,3,4 & 5 EXP. PL HR1307677; TOWN OF OAKVILLE	Land Registry Office
Property Identification Number (PIN)	24930-0187	GeoWarehouse Property Report
Municipal Address	No municipal address	Town of Oakville
Zoning	Existing Development	Oakville Zoning Map

Criteria	Information	Source
Property Owner	ARGO Trafalgar I Corporation	Client
Property Owner Contact Information	Owner Representative: Adrian Marsili Email: adrian@argoland.com Phone: 647 294 9822	Client
Current Site Occupants	Vacant	Site Reconnaissance
Site Area	1.9 hectares (4.7 acres)	Land Registry Office
Centroid UTM Coordinates	Northing: 4817738.97N Easting: 601741.44E Zone: 17	Land Registry Office

1.2 Site Description

The Phase One Property is an irregular shaped 1.9-hectare (4.7 acres) parcel of land situated within a rural area in the Town of Oakville, Ontario. The Phase One Property is situated approximately 440m north of the intersection of Burhamthorpe Road East and Trafalgar Road. The Site was vacant of structures and used for agricultural purposes at the time of this assessment. A tributary of Joshua Creek traverses the eastern portion of the Site. A Site Location Plan depicting the general location of the Phase One Property Figure 1. The Site features are depicted on Figure 2.

For the purposes of this report, William Halton Parkway is assumed to be aligned in an east-west orientation, and Trafalgar Road in a north-south orientation. A Plan of Survey for the Phase One Property has not been provided, and will be required prior to filing of a Record of Site Condition.

2.0 Scope of Investigation

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

- A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
  - Physical setting information such as aerial photographs, topographic mapping, available historical maps and drawings;
  - Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DS;

- Geological and hydrogeological information in published government maps and/or reports;
- A review of information on file with 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 Oakville; 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 meter 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 institutional, commercial, 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 3.

3.1.2 First Developed Use Determination

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

The determination of the first developed use of the Phase One Property was based on a review of available aerial photographs, historical maps, fire insurance plans, city directories, and interviews. Based on the information obtained, the Phase One Property has never been developed.

3.1.3 Fire Insurance Plans

Fire Insurance Plans (FIPs) were prepared between 1875 and 1923 and revised in some areas until the 1970s. Information about FIPs was acquired from a previous environmental report completed for the south adjacent property (Pinchin Ltd. 2019 Phase I ESA). FIPs are obtained to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. The previous report review confirmed that there were no FIPs available for the Phase One Property and surrounding areas.

3.1.4 Chain of Title

A Chain of Title search was not provided by the Client at the time of the investigation. The Chain of Title will need to be obtained prior to the submission of a Record of Site Condition. Information regarding the historical use of the Phase One Property was obtained from other sources including aerial photographs, Phase One ESA Interview and site reconnaissance.

3.1.5 Environmental Reports

DS reviewed the following environmental report prepared for the south adjacent Property. The report was provided by the client to DS.

- *"Phase I Environmental Site Assessment, Oakville, ON", prepared* for Angela Nikolakakos, prepared by Pinchin Ltd., dated April 18, 2019 (Pinchin Ltd. 2019 Phase I ESA)

This report was 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.

A summary of the pertinent details of the reports reviewed is provided below:

Pinchin Ltd. 2019 Phase I ESA

It should be noted that this report pertains to the **south adjacent** Property associated with parcel: PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET, AS IN 216067 EXCEPT PT 3 & 4, 20R11326; TOWN OF OAKVILLE. Pinchin's Phase I ESA 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 following pertinent information was noted by DS:

- The south adjacent property consists of undeveloped agricultural land.
- It had not been occupied by any permanent structures and/or buildings, and;
- Pinchin noted that the Welding Institute of Canada – located at 391 Burnhamthorpe Road East, approximately 200 m south - has been registered with the MECP as a generator of various hazardous wastes. Based on a review of Pinchin's "in-house MECP Waste Generator database", Pinchin indicated that approximately 120 kilograms of waste oils and lubricants were generated between 1991 and 1992. Based on the trans/downgradient orientation of the Site relative to the Phase One Property as well as the relatively small quantity and short duration of waste generated, Pinchin concluded that the historic generation of hazardous wastes at this property was unlikely to result in potential subsurface impacts at the Site.

Pinchin (2019) concluded that based on the results of the Phase I ESA completed, nothing was identified that is likely to result in potential subsurface impacts on the south adjacent property. As such, no subsurface investigation work (Phase II ESA) was recommended at the time.

It should be noted that the site of the waste generation noted in the Pinchin report is outside of the Phase One Study Area and therefore is not considered to be of concern.

3.1.6 City Directories

City Directories for the years 1960 to 2001 were reviewed at the Metropolitan Toronto Reference Library by Pinchin Ltd. as part of the previous Phase I ESA (2019) completed. Pinchin (2019) on the south adjacent property. The Phase One Property is not listed in the FIPs. The adjacent properties generally appear to have been used for agricultural, institutional and commercial purposes since 1965. No listings were noted by DS to be of potential environmental concern.

3.2 Environmental Source Information

3.2.1 Ecolog Eris Report

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 3-1: 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 Defense & Canadian Forces Spills; National Defense & Canadian Forces Waste Disposal Sites; National Environmental Emergencies System (NEES); National PCB Inventory; National Pollutant Release Inventory; Parks Canada Fuel Storage Tanks; and Transport Canada Fuel Storage Tanks.	Anderson's Storage Tanks; Anderson's Waste Disposal Sites; Automobile Wrecking & Supplies; Canadian Mine Locations; Canadian Pulp and Paper; Chemical Register; ERIS Historical Searches; Oil and Gas Wells; Retail Fuel Storage Tanks; and Scott's Manufacturing Directory.
Provincial Government Source Databases	
Abandoned Aggregate Inventory; Abandoned Mine Information System; Aggregate Inventory; Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks; Compliance and Convictions; Drill Hole Database; Environmental Activity and Sector Registry; Environmental Compliance Approval; Environmental Registry; Fuel Storage Tank; Fuel Storage Tank – Historic; Inventory of Coal Gasification Plants and Coal Tar Sites; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 Waste Receivers Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were no (0) listings for the Phase One Property, and three (3) listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix A. A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Table below:

Table 3-2: Summary of ERIS Report Findings within the Phase One Study Area

Database/Date	Entry Details	PCA ID No.
Water Well Information System (WWIS)	Three (3) wells were identified within the 250 m Phase One Study Area, as follows: ◆ Well 7229890 was installed in 2014 with an unlisted water use on the west adjacent property. ◆ Well 7173101 was installed in 2011 on the northwest adjacent property, with the primary listed use as livestock watering. ◆ Well 7294968 was installed in 2017 on the northwest adjacent property with the primary use listed as domestic. Additional details regarding the well construction and lithology encountered is included in the ERIS report provided under Appendix A.	No PCA

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 B) 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 not yet been received from the MECP. The client will be made aware of any pertinent records identified by the MECP file search when a response is received from the Ministry.

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 February 24, 2021 from Ms. Thompson of TSSA, there were no records for the Phase One Property and properties located in the Study Area at following inquired addresses:

Table 3-3: Summary of Addresses Searched for TSSA

Street Name	Street Numbers
Trafalgar Road	3555, 4002, 4030, 4180
Burnhamthorpe Road	275, 340, 391, 479, 489
Halton Regional Road 27	273

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

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

No areas of natural or scientific interest were identified within the Phase One Study Area.

3.2.5 Conservation Halton

According to the Conservation Halton online mapping system, a tributary of Joshua's Creek runs through the central portion of the Phase One Property. The Phase One Property is located in the Joshua Creek watershed.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1934, 1946, 1965 and 1988 were obtained from the City of Toronto Online Mapping and reviewed as part of this assessment. The County Atlas of York was reviewed in order to provide a more historical image from the year 1880. Google Earth was used to review satellite imagery from the years 2004, 2007, 2009, 2013, 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 C.

Table 3-4: Summary of Aerial Photographs

Location	Observations	PCA ID No.
1880		
Phase One Property	According to the Halton County Atlas from 1880, the Phase One Property is owned by George Marlatt.	No PCA
North, South, East, West of the Site	The surrounding properties appear to be utilized for agricultural purposes. An orchard is depicted to the east of the Phase One	No PCA

Location	Observations	PCA ID No.
	Property, but appears to be outside of the 250m Phase One Study Area boundary.	
1934		
Phase One Property	The entire property appeared to be undeveloped and used for agricultural purposes.	No PCA
South of the Site	Burnhamthorpe Road East appears to have been constructed further south of the site.	No PCA
North, East and West of the Site	No significant changes.	No PCA
1946		
Phase One Property	No significant changes.	No PCA
North, South, East, West of the Site	No significant changes.	No PCA
1965		
Phase One Property	No significant changes.	No PCA
South of the Site	A building and parking lot consistent with the footprint of the current Al Falah Islamic Centre has been constructed approximately 200m south of the Site.	No PCA
North, East, West of the Site	No significant changes.	No PCA
1988		
Phase One Property	No significant changes.	No PCA
South of the Site	An additional building has been constructed approximately 200m south of the Site, consistent with the current configuration and extent of the Office Building associated with the current Al Falah Islamic Centre.	No PCA
North, East and West of the Site	No significant changes.	No PCA
2004		
Phase One Property	No significant changes.	No PCA
West, East, South and North of Site	No significant changes.	No PCA
2007		
Phase One Property	No significant changes.	No PCA
North, East, South West of the Site	No significant changes.	No PCA
2009		
Phase One Property	No significant changes.	No PCA
North, South, East, West of the Site	No significant changes.	No PCA
2013		
Phase One Property	No significant changes.	No PCA
West of the Site	A Go Train parking lot was constructed northwest of the Phase One Property, west of Trafalgar Road.	No PCA
North, South, East of the Site	No significant changes.	No PCA
2018		
Phase One Property	No significant changes.	No PCA
North, South, East, West of the Site	No significant changes.	No PCA

3.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally flat, with a surface elevation of 180 meters above sea level (masl). The topography within the Phase One Study Area generally slopes to the southeast, towards Joshua Creek and Lake Ontario. The nearest body of water is a tributary to Joshua Creek which traverses the central portion of the Phase One Property, in a north-south orientation. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6 metres below ground surface (mbgs). The shallow groundwater flow direction within the Phase One Study Area is inferred to be southeast towards Joshua Creek and Lake Ontario.

The Site is situated within a Till Moraines physiographic region. The subsurface 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 "Queenston Formation consisting of shale, limestone, dolostone, siltstone". Based on a review of available well records and previous ESA completed for the Site, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth of 7 mbgs.

3.3.3 Fill Materials

Based on the review of the obtained documents, there was no indication of fill material of unknown quality being imported to the site.

3.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was not observed on the Property. The nearest body of water to the Phase One Property is a tributary to Joshua Creek that runs through the central portion of the Site and was not visible due to snow cover at the time of the Site Visit. Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses 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. No records were available for the Phase One Property. There are three (3) listings of wells present in the Phase One Study Area of which one (1) was listed as domestic water supply well, one (1) listed as a livestock watering well and one (1) with an unlisted primary use.

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

3.4 Site Operating Records

The Property includes no structures and appears to have only been utilized for agricultural/other purposes. No operating records were available.

4.0 Interviews

4.1 Personnel Interviewed

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

Table 4-1: Summary of Personnel Interviewed

Date	Name	Affiliation	Position	Method of Interview
March 5, 2021	Dino Ferri	Owner Representative	Director of Argo Developments	Emailed Questionnaire

4.2 Interviewee Rationale

Mr. Ferri is considered to be the most knowledgeable person regarding the historical site operations. The Phase One Interview was conducted by Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

4.3 Results of Interview

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

- The Phase One Property has been owned by Estate of Manuel Haralambus, since 1967, and was purchased by ARGO Trafalgar Corporation I in 2021.
- According to Mr. Ferri the Property has never been developed.
- Mr. Ferri was unaware of any use of aboveground or underground storage tank on the Property.
- Mr. Ferri was not aware of fill materials brought on the Property nor of any current or historic use of pesticides or herbicides.
- No information was available for the Property if cited for violations of any provincial or federal environmental laws or regulations.
- No information for individuals with additional knowledge of the Property was available to interview.
- No soil or ground water remediation has been completed 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:	February 26, 2021
Time of Investigation:	2:30 pm
Weather Conditions:	Clear, 2^{0}C
Duration of Investigation:	2 hours
Facility Operation:	Vacant
Name and Qualification of Person(s) conducting the assessment	Fahmida Anwar, B.Sc., under the supervision of Mr. Patrick Fioravanti, B.Sc., P.Geo., QP$_{ESA}$
Limitations	The ground surface of the Phase One Property was partially obscured by snow.

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 D.

Table 5-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	No structures were present on-Site at the time of site reconnaissance.
ii.	Description of the number, age and depth of below-ground structures	None observed
iii.	Details of all tanks, above and below ground at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	None observed
iv.	Potable and non-potable water sources	None observed.
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	None observed
ii.	Details of existing and former heating systems, including type and fuel source	None observed
iii.	Details of cooling systems, including type and fuel source, if any	None observed
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	None observed
v.	Details of any unidentified substances	None observed
vi.	Details, including locations of stains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	None observed
vii.	Details, including locations, of current and former wells, including all wells described or defined in or under the *Ontario Water Resources Act* and the *Oil, Gas and Salt Resources Act*	None observed.
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 entire area appeared to be covered in vegetation (grass, shrubs, trees), but was partially obscured by snow cover.
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	None observed
xiv.	Potentially contaminating activity	None observed
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	Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. No structures were present on the Site. Asbestos containing materials are not anticipated to be present on-site.
ii.	Lead containing materials	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. Lead containing materials are not anticipated to be present on-site as no structures were present.
iii.	PCB materials and equipment	Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. PCB containing materials are not anticipated to be present on-site as no structures were present.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. UFFI is not anticipated to be present on-site as no structures were present.
v.	Ozone Depleting Substances (ODS)	No ODS were observed at the time of the Site Reconnaissance.
vi.	Herbicides and Pesticides	During the site inspection no material containing herbicides or pesticides were observed.
vii.	Mould	No structures were present on the Site. Mould was not observed.
viii.	Mercury	No structures were present on the Site. Mercury is not anticipated to be present on-site.
ix.	Acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	No structures were present on the Site, therefore it is unlikely that these contaminants are present on-site.
x.	Pits and Lagoons	None observed
xi.	Air Emissions	None observed
xii.	Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.

5.3 Written Description of Investigation

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

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily institutional, commercial and agricultural, 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 and was used for agricultural/other purposes. The orientation of the Site is depicted on Figure 2.
North Adjacent Property	The north adjacent Property was a vacant land at the time of the site reconnaissance and was used for agricultural/other purposes.
East Adjacent Property	The east adjacent Property was a vacant land at the time of the site reconnaissance and was used for agricultural/other purposes.
West Adjacent Property	The west adjacent Property was a vacant land at the time of the site reconnaissance and was used for agricultural/other purposes.
South Adjacent Property	The south adjacent Property was a vacant land at the time of the site reconnaissance and was used for agricultural/other purposes.
Water Bodies	The nearest body of water is a tributary to Joshua Creek that runs through the northern portion of the Phase One Property
Areas of Natural Significance	None observed

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix D. No potentially contaminating activities were observed at the time of the Site Reconnaissance.

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

6.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may be contributing to areas of potential environmental concern on the Phase One Property. No PCAs were identified within the Phase One Study Area.

6.3 Areas of Potential Environmental Concern

No PCAs or APECs were identified.

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 Part of Lot 12, Concession 2 Trafalgar – North of William Halton Parkway, Oakville, Ontario. The Phase One Conceptual Site Model is presented in Figures 3 and 4 and visually depict the following:

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

6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

No PCAs or APECs were identified.

6.4.2 Contaminants of Potential Concern

The PCA identified was not considered to contribute to APECs on, in or under the Phase One Property as such no contaminants of potential concern were identified.

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.

Plans were not available to confirm the depths of these utilities, however they are estimated to be installed at depths ranging from 2 to 3 metres below ground surface.

The PCA identified was not considered to contribute to APECs on, in or under the Phase One Property as such underground utilities are not anticipated to contribute to contaminant distribution and transport.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally flat, with a surface elevation of 180 metres above sea level (masl). The topography within the Phase One Study Area generally slopes to the southeast, towards Lake Ontario, located approximately 8.7 km southeast of the Phase One Property. The nearest body of water is a tributary of Joshua's Creek which traverses the central portion of the Phase One Property. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase One Property is approximately 6 mbgs. The shallow groundwater flow direction within the Phase One Study Area is inferred to be southeast towards Lake Ontario.

The Site is situated within a Till Moraines physiographic region. The subsurface 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 "Queenston Formation consisting of shale, limestone, dolostone, siltstone". Based on a review of previous reports and MECP well records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximately depth of 7 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. 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 does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

7.0 Conclusions

DS conducted a Phase One ESA for the property described as Part of Lot 12, Concession 2 Trafalgar – North of William Halton Parkway, Oakville, Ontario. The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objective of the Phase One ESA was 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, no PCAs or APECs were identified. No further environmental site assessment is recommended at this time.

7.1 Phase Two Environmental Site Assessment Requirement

Based on the findings of this Phase One ESA, a Phase Two ESA is not required.

7.2 RSC Based on Phase One Environmental Site Assessment

A Record of Site Condition can be filed utilising the information contained in this Phase One ESA.

7.3 Limitations

This report was prepared for the sole use of the Argo Development Corporation and is intended to provide an assessment of the environmental condition on the property located at Part of Lot 12, Concession 2 Trafalgar – North of William Halton Parkway 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

Fahmida Anwar, B.Sc.

Ms. Anwar is an Environmental Specialist with DS Consultants Limited. Fahmida holds a Bachelor of Science in Chemical Engineering from the American University of Sharjah (United Arab Emirates), as a well as a Post Graduate Certificate in Environmental Control from Sheridan College. Ms. Anwar has been working in the environmental sector since 2018 and has been trained in conducting Phase One and Phase Two Environmental Site Assessments.

Kirstin Olsen, MSc.

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

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

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

7.5 Signatures

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

Yours truly,

DS Consultants Ltd.

Drafted by:

Fahmida Anwar, B.Sc.
Environmental Specialist

Reviewed by:

Kirstin Olsen, M.Sc.
Project Manager - Environmental

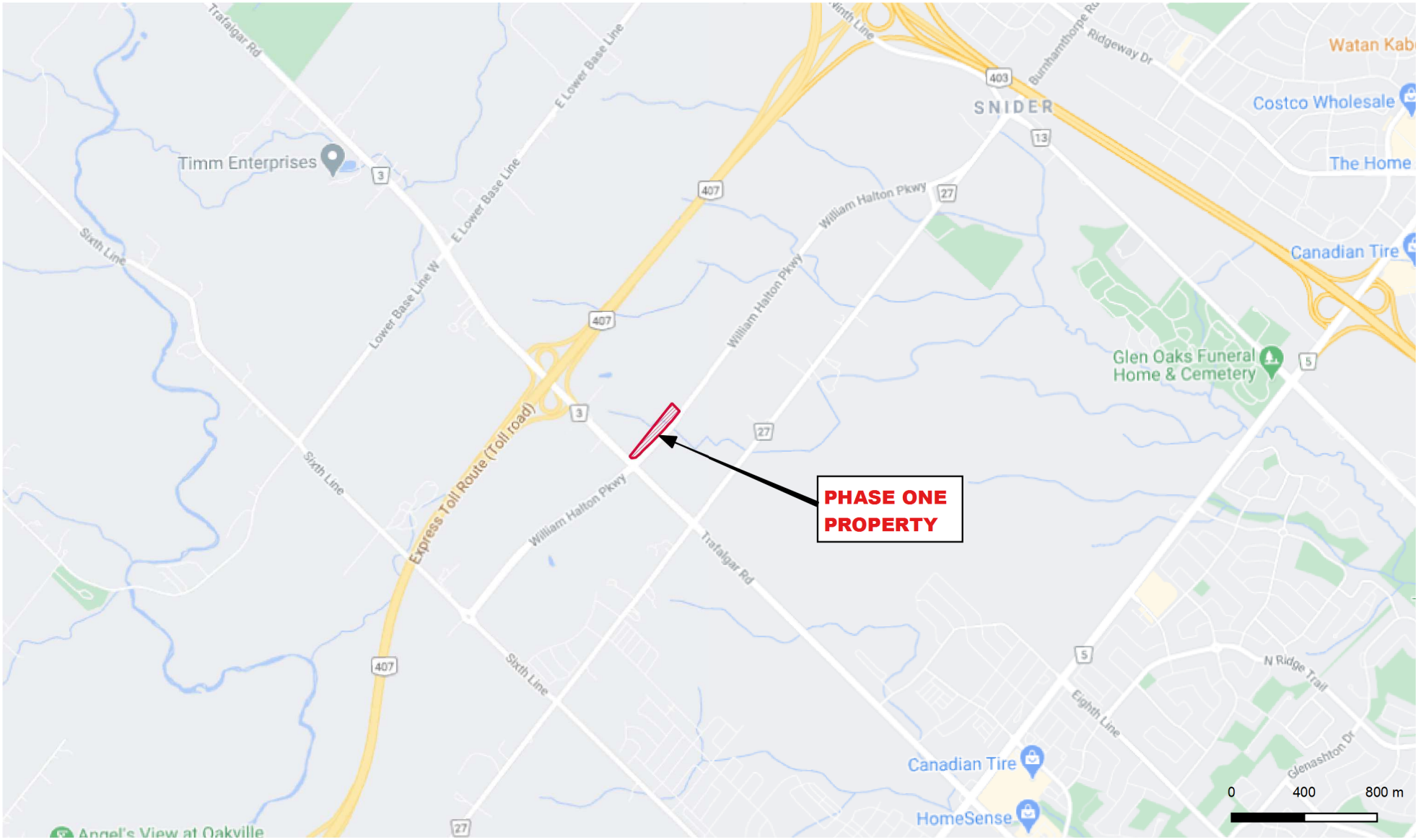
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Manager – Environmental Services

8.0 References

- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toporama http://atlas.gc.ca/toporama/en/index.html
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network https://www.hwin.ca/hwin/
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry https://www.ontario.ca/page/ministry-environment-and-climate-change
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plan Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- Waste Disposal Site Inventory, 1991
- Ministry of Environment, Conservation and Parks-Freedom of Information
- Technical Standards and Safety Authority – Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps, aerial photos and Ontario Base Map
- City Directories from 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (Ecolog ERIS Report)

Figures

C:\0Sharon\21-053-100 Argo Trafalfar Enviro\1-QGIS\Phase One\North\Figure 1 - Site Location Plan.qgs Nov-22 13:19



Legend

Approx Property Boundary

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
Pt. of Lot 12, CON 2 Trafalgar – North of William Halton Pkwy, Town of Oakville, ON

Title: **SITE LOCATION PLAN**

N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	November 2021
Rev: 0	Scale: As Shown	Project No.: 21-053-100	Figure No.: 1

Image/Map Source: *Google Street Map*

C:\0Sharon\21-053-100 Argo Trafalfar Enviro\1-QGIS\Phase One\North\Figure 2 - Phase One Property Site Plan.qgs Nov-22 14:21

Legend

Approx Property Boundary

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
Pt. of Lot 12, CON 2 Trafalgar – North of William Halton Pkwy, Town of Oakville, ON

Title: **PHASE ONE PROPERTY SITE PLAN**

N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	November 2021
Rev: 0	Scale: As Shown	Project No.: 21-053-100	Figure No.: 2

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-053-100 Argo Trafalfar Enviro\1-QGIS\Phase One\North\Figure 3 - Phase One Study Area.qgs Nov-22 14:32

Legend

- 250m Buffer
- Approx Property Boundary
- Commercial
- Agricultural/Other Use

DS CONSULTANTS LTD.
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Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
Pt. of Lot 12, CON 2 Trafalgar – North of William Halton Pkwy, Town of Oakville, ON

Title: **PHASE ONE STUDY AREA**

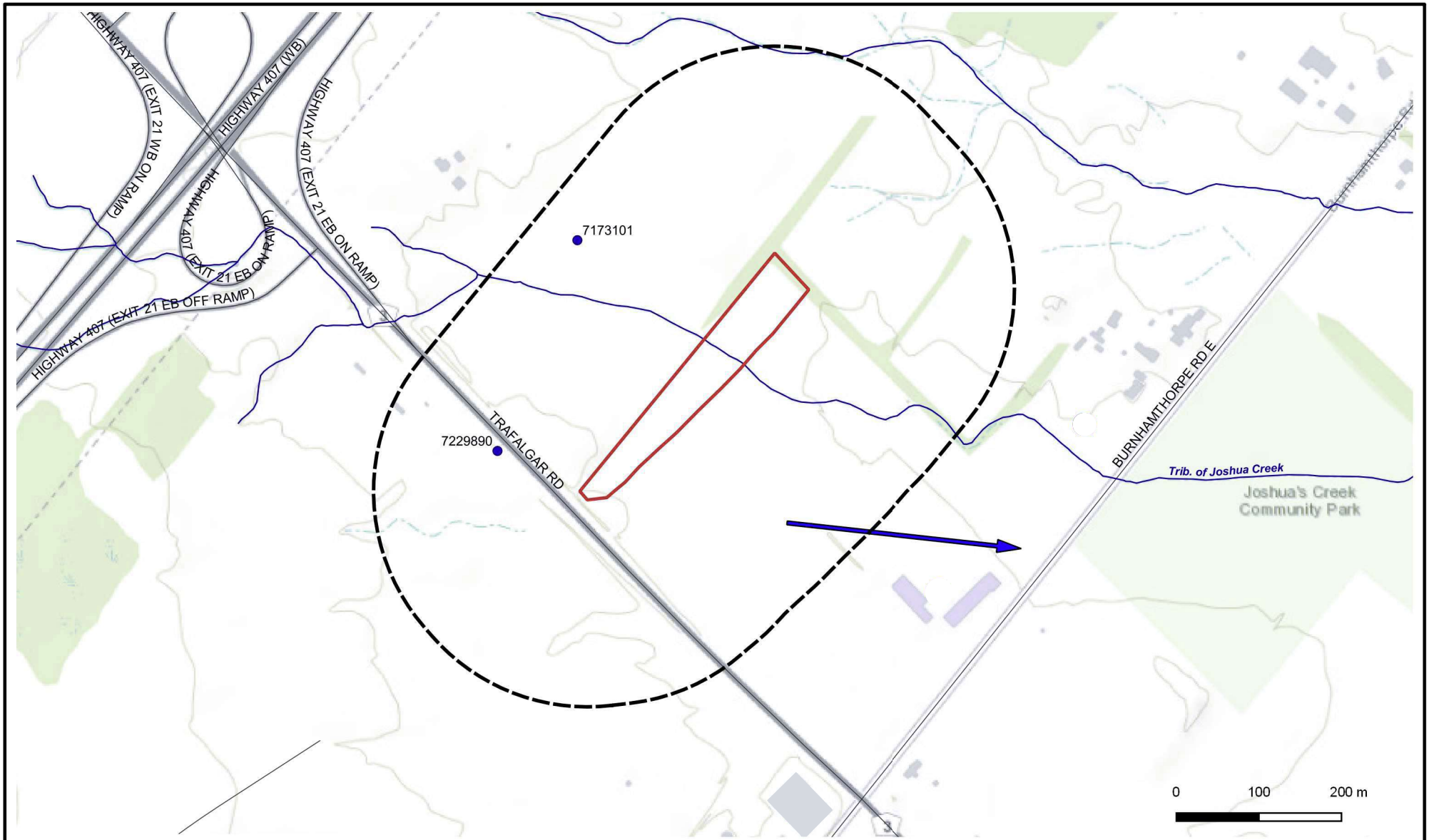
N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	November 2021
Rev: 0	Scale: As Shown	Project No.: 21-053-100	Figure No.: 3

Image/Map Source: *Google Satellite Image*

C:\0Sharon\21-053-100 Argo Trafalfar Enviro\1-QGIS\Phase One\North\Figure 4 - PCA within Phase One Study Area.qgs Nov-22 16:02



Legend

- 250m Buffer
- Approx Property Boundary
- Inferred Groundwater Flow Direction
- PCA not contributing to APEC
- Registered Water Well (MECP WWR)

DS CONSULTANTS LTD.
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Vaughan, Ontario L4H 0K8
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www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
Pt. of Lot 12, CON 2 Trafalgar – North of William Halton Pkwy, Town of Oakville, ON

Title: **PHASE ONE CSM**

N

Client: ARGO DEVELOPMENT CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	R.F	S.Y	November 2021
Rev: 0	Scale: As Shown	Project No.: 21-053-100	Figure No.: 4

Image/Map Source: *Google Satellite Image*

Appendix A

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Argo Trafalgar* *Burnhamthorpe and Trafalgar* *Oakville ON L6H 7B5*
Project No:	*21-053-100*
Report Type:	*RSC Report - Quote*
Order No:	*21021800248*
Requested by:	*DS Consultants Ltd.*
Date Completed:	*February 23, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Argo Trafalgar* *Burnhamthorpe and Trafalgar Oakville ON L6H 7B5*
Project No:	*21-053-100*

Order Information:

Order No:	*21021800248*
Date Requested:	*February 18, 2021*
Requested by:	*DS Consultants Ltd.*
Report Type:	*RSC Report - Quote*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	3	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	3	3
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	3	11	14
	Total:		4	22	26

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 12 con 2 ON ***Well ID:*** 2802205	SE/0.0	-0.63	16
1	WWIS		lot 12 con 2 ON ***Well ID:*** 2803735	ESE/0.0	-0.63	18
1	WWIS		391 BURNAMTHORPE RD lot 12 con 2 OAKVILLE ON ***Well ID:*** 2810672	ESE/0.0	-0.63	21
1	EHS		Trafalgar Road & Burnhamthorpe Road East Oakville ON L6H 7B5	SSE/0.0	-0.63	23

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	CA	R.M. OF HALTON	TRAFALGAR RD/BURNHAMTHORPE RD. OAKVILLE TOWN ON	SSE/21.4	2.20	23
3	WWIS		TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON ***Well ID:*** 7224932	SSE/34.8	2.74	24
4	WWIS		lot 12 con 1 ON ***Well ID:*** 2806640	SSE/36.9	1.83	26
5	WWIS		lot 12 con 2 ON ***Well ID:*** 2802203	ESE/49.5	-1.70	29
6	GEN	WELDING INSTITUTE OF CANADA 42-414	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	ESE/63.6	-2.12	31
6	GEN	WELDING (SEE&USE ON1426600) 42-473	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	ESE/63.6	-2.12	32
6	WWIS		lot 12 con 2 ON ***Well ID:*** 2802202	ESE/63.6	-2.12	32
6	GEN	Heart and Stroke Foundation	391 Burnhamthorpe Road E Oakville ON L6H 7B4	ESE/63.6	-2.12	34
7	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	S/75.6	3.18	34
7	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H 7B7	S/75.6	3.18	35
7	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	S/75.6	3.18	35
7	EHS		4002 Trafalgar Rd Oakville ON L6H7B7	S/75.6	3.18	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	S/75.6	3.18	36
8	WWIS		ON ***Well ID:*** 7229890	W/110.4	4.94	36
9	WWIS		lot 13 con 2 ON ***Well ID:*** 2805349	S/137.8	3.99	37
10	WWIS		lot 12 con 2 ON ***Well ID:*** 2802204	E/150.1	-2.70	41
11	WWIS		4233 TRAFALGAR RD. lot 12 con 2 Oakville ON ***Well ID:*** 7173101	NW/193.9	2.30	43
12	WWIS		lot 13 con 2 ON ***Well ID:*** 2802209	S/204.9	5.15	45
13	WWIS		lot 13 con 2 ON ***Well ID:*** 2802207	S/248.4	5.06	48
14	EHS		See Lot/Con Oakville ON	ESE/263.4	-0.86	51
15	EHS		Trafalgar Rd. west side Oakville ON	SE/282.5	1.03	51
16	WWIS		4233 TRAFALGAR RD. lot 12 con 2 OAKVILLE ON ***Well ID:*** 7294968	NW/288.0	3.99	51

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
R.M. OF HALTON	TRAFALGAR RD/BURNHAMTHORPE RD. OAKVILLE TOWN ON	21.4	2

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 4 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Trafalgar Road & Burnhamthorpe Road East Oakville ON L6H 7B5	0.0	1
	4002 Trafalgar Rd Oakville ON L6H7B7	75.6	7
	See Lot/Con Oakville ON	263.4	14
	Trafalgar Rd. west side Oakville ON	282.5	15

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 3 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Heart and Stroke Foundation	391 Burnhamthorpe Road E Oakville ON L6H 7B4	63.6	6

Site	Address	Distance (m)	Map Key
WELDING (SEE&USE ON1426600) 42-473	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	63.6	6
WELDING INSTITUTE OF CANADA 42-414	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	63.6	6

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Dec 31, 2020 has found that there are 4 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	75.6	7
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	75.6	7
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	75.6	7
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H 7B7	75.6	7

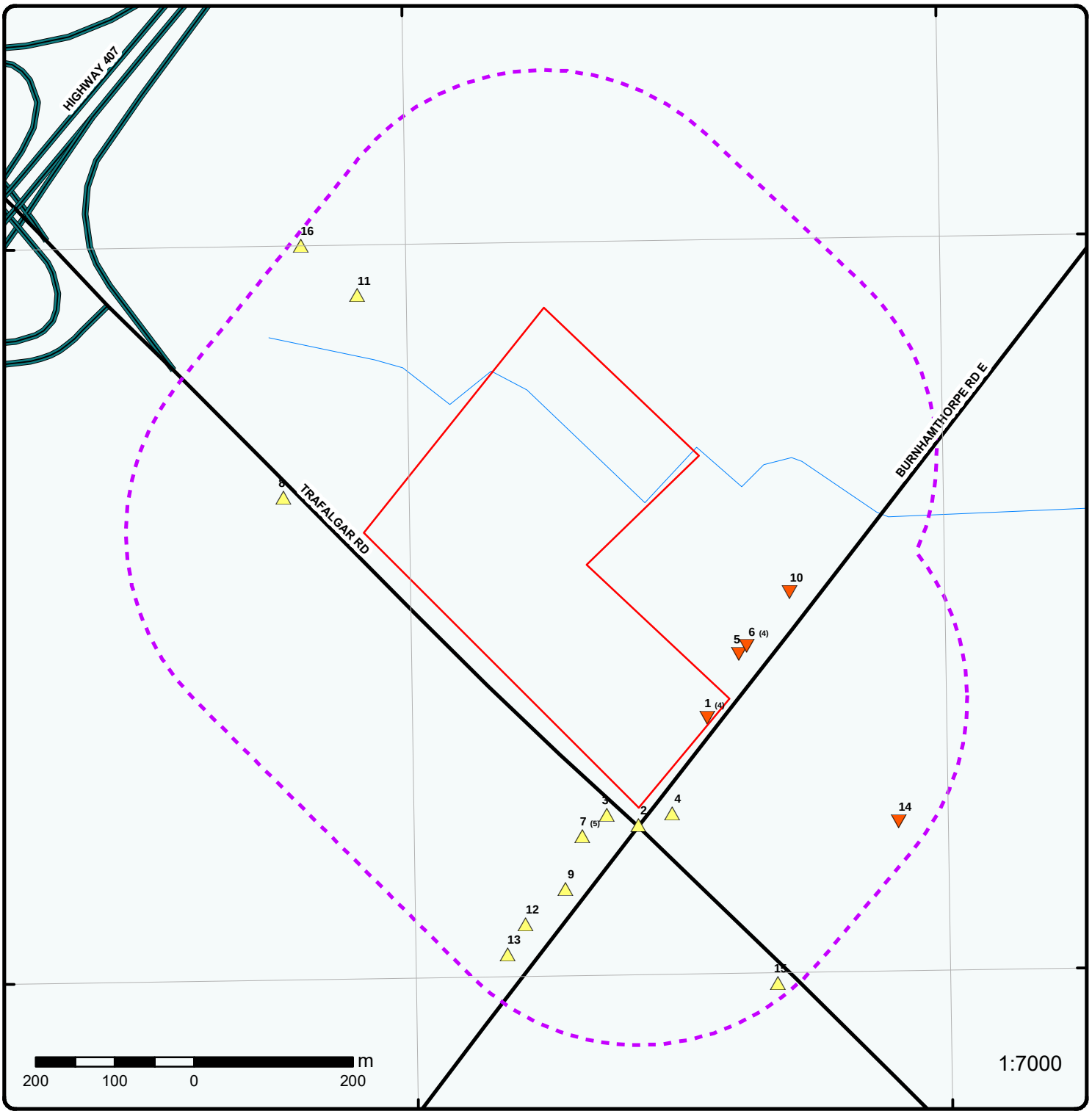
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 14 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 12 con 2 ON ***Well ID:*** 2803735	0.0	1
	391 BURNAMTHORPE RD lot 12 con 2 OAKVILLE ON	0.0	1

Site	Address	Distance (m)	Map Key
	Well ID: 2810672		
	lot 12 con 2 ON ***Well ID:*** 2802205	0.0	1
	TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON ***Well ID:*** 7224932	34.8	3
	lot 12 con 1 ON ***Well ID:*** 2806640	36.9	4
	lot 12 con 2 ON ***Well ID:*** 2802203	49.5	5
	lot 12 con 2 ON ***Well ID:*** 2802202	63.6	6
	ON ***Well ID:*** 7229890	110.4	8
	lot 13 con 2 ON ***Well ID:*** 2805349	137.8	9
	lot 12 con 2 ON ***Well ID:*** 2802204	150.1	10
	4233 TRAFALGAR RD. lot 12 con 2 Oakville ON ***Well ID:*** 7173101	193.9	11
	lot 13 con 2 ON ***Well ID:*** 2802209	204.9	12
	lot 13 con 2 ON ***Well ID:*** 2802207	248.4	13

Site	Address	Distance (m)	Map Key
	4233 TRAFALGAR RD. lot 12 con 2 OAKVILLE ON ***Well ID:*** 7294968	288.0	**16**



Map: 0.3 Kilometer Radius

Order Number: 21021800248

Address: Burnhamthorpe and Trafalgar, Oakville, ON

ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

79°45'W

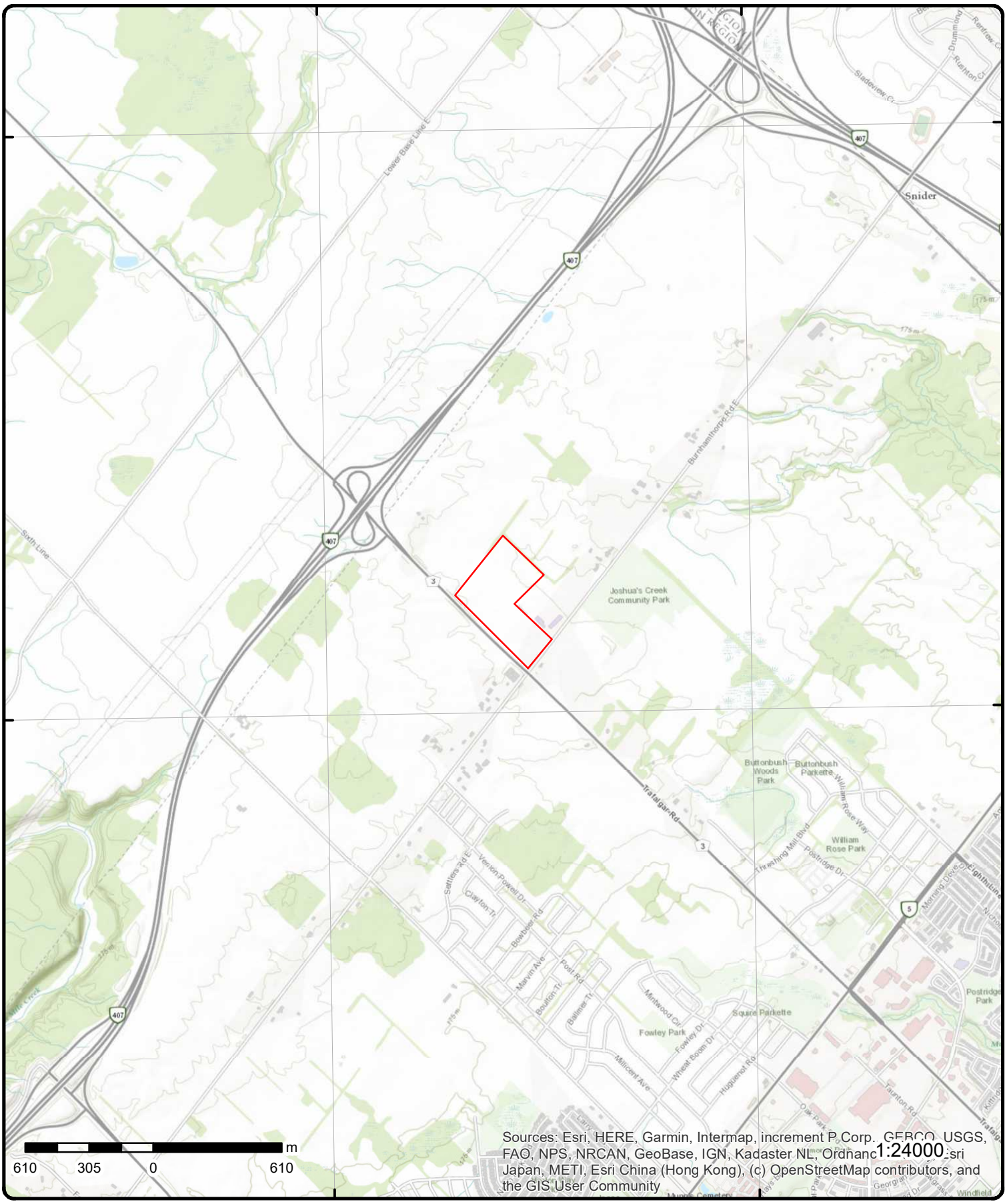
Aerial **Year: 2019**

Order Number: 21021800248

Address: Burnhamthorpe and Trafalgar, Oakville, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: Burnhamthorpe and Trafalgar, ON

Source: ESRI World Topographic Map

Order Number: 21021800248

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 4	SE/0.0	181.9 / -0.63	lot 12 con 2 ON	WWIS

Well ID:	2802205	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Public	**Date Received:**	9/5/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4602
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	012
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802205.pdf

Bore Hole Information

Bore Hole ID:	10148759	**Elevation:**	181.818771
DP2BR:	21	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	602093.6
Code OB Desc:	Bedrock	**North83:**	4817438
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/21/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427944
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND

Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427945
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 21
Formation End Depth: 56
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802205
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697329
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253123
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253124
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 56
Casing Diameter: 6
Casing Diameter UOM: inch

Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802205
Pump Set At:	
Static Level:	6
Final Level After Pumping:	56
Recommended Pump Depth:	54
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604257
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	26
Water Found Depth UOM:	ft

---

1 ***2 of 4*** ***ESE/0.0*** ***181.9 / -0.63*** ***lot 12 con 2 ON*** ***WWIS***

Well ID:	2803735	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/14/1972
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:***	012
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2803735.pdf

Bore Hole Information

Bore Hole ID:	10150267	***Elevation:***	181.533935
DP2BR:	20	***Elevrc:***	
Spatial Status:		***Zone:***	17

Code OB:	r	**East83:**	602102.6
Code OB Desc:	Bedrock	**North83:**	4817473
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/8/1971	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

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

Overburden and Bedrock Materials Interval

Formation ID:	931433040
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433039
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433037
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433038
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	7
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962803735
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10698837
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930255537
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	30
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992803735
Pump Set At:	
Static Level:	7
Final Level After Pumping:	30
Recommended Pump Depth:	28
Pumping Rate:	
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: No

Draw Down & Recovery

Pump Test Detail ID: 934451241
Test Type: Recovery
Test Duration: 30
Test Level: 28
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934710443
Test Type: Recovery
Test Duration: 45
Test Level: 27
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934176613
Test Type: Recovery
Test Duration: 15
Test Level: 29
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934970757
Test Type: Recovery
Test Duration: 60
Test Level: 26
Test Level UOM: ft

Water Details

Water ID: 933606259
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20
Water Found Depth UOM: ft

Water Details

Water ID: 933606260
Layer: 2
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	3 of 4	ESE/0.0	181.9 / -0.63	391 BURNAMTHORPE RD lot 12 con 2 OAKVILLE ON	WWIS

Well ID: 2810672
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other

Data Entry Status:
Data Src:
Date Received: 12/27/2006
Selected Flag: Yes
Abandonment Rec: Yes

Water Type:		**Contractor:**	3349
Casing Material:		**Form Version:**	3
Audit No:	Z71495	**Owner:**	
Tag:		**Street Name:**	391 BURNAMTHORPE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	012
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/281\2810672.pdf

Bore Hole Information

Bore Hole ID:	11692877	**Elevation:**	181.589248
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602094
Code OB Desc:	No formation data	**North83:**	4817483
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	10/24/2006	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933303546
Layer:	3
Plug From:	4.88
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933303545
Layer:	2
Plug From:	6.1
Plug To:	4.88
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933303547
Layer:	4
Plug From:	2.13
Plug To:	0

Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933303544
Layer: 1
Plug From: 9.14
Plug To: 6.1
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 962810672
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11697743
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11756647
Diameter: 76.2
Depth From: 0
Depth To: 9.14
Hole Depth UOM: m
Hole Diameter UOM: cm

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1 | **4 of 4** | **SSE/0.0** | **181.9 / -0.63** | **Trafalgar Road & Burnhamthorpe Road East Oakville ON L6H 7B5** | **EHS**

Order No: 20190402014
Status: C
Report Type: Custom Report
Report Date: 08-APR-19
Date Received: 02-APR-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.738693
Y: 43.50347

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2 | **1 of 1** | **SSE/21.4** | **184.7 / 2.20** | **R.M. OF HALTON TRAFALGAR RD/BURNHAMTHORPE RD. OAKVILLE TOWN ON** | **CA**

Certificate #: 3-0749-95-
Application Year: 95
Issue Date: 7/13/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

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

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3 | ***1 of 1*** | ***SSE/34.8*** | ***185.3 / 2.74*** | ***TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON*** | ***WWIS***

Well ID:	7224932	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	7/31/2014
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7472
Casing Material:		***Form Version:***	7
Audit No:	Z189606	***Owner:***	
Tag:	A165987	***Street Name:***	TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR.
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	MILTON TOWN (TRAFALGAR)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005006696	***Elevation:***	185.879638
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	601967
Code OB Desc:		***North83:***	4817316
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	6/25/2014	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005259425
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT

Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 1.5
Formation End Depth: 4.6
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005259426
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 4.6
Formation End Depth: 7.6
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005259424
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0
Formation End Depth: 1.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005259434
Layer: 2
Plug From: 4.9
Plug To: 7.6
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005259433
Layer: 1
Plug From: 0
Plug To: 4.9
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005259432

Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005259423
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005259429
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4.6
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005259430
Layer: 1
Slot: 10
Screen Top Depth: 4.6
Screen End Depth: 7.6
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.4

Water Details

Water ID: 1005259428
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005259427
Diameter: 21
Depth From: 0
Depth To: 7.6
Hole Depth UOM: m
Hole Diameter UOM: cm

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4 | **1 of 1** | **SSE/36.9** | **184.4 / 1.83** | **lot 12 con 1 ON** | **WWIS**

Well ID: 2806640
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Supply

Data Entry Status:
Data Src: 1
Date Received: 5/14/1987
Selected Flag: Yes
Abandonment Rec:

Water Type:		**Contractor:**	4005
Casing Material:		**Form Version:**	1
Audit No:	10163	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	012
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2806640.pdf

Bore Hole Information

Bore Hole ID:	10152909	**Elevation:**	184.038558
DP2BR:	30	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	602049.2
Code OB Desc:	Bedrock	**North83:**	4817318
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	4/24/1987	**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:	931443688
Layer:	7
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30
Formation End Depth:	50
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443682
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	29

Mat2 Desc:	FINE GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443684
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	29
Mat3 Desc:	FINE GRAVEL
Formation Top Depth:	17
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443683
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	29
Mat2 Desc:	FINE GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	9
Formation End Depth:	17
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443685
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	29
Mat2 Desc:	FINE GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	19
Formation End Depth:	21
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443686

Layer:	5
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21
Formation End Depth:	24
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443687
Layer:	6
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	31
Mat2 Desc:	COARSE GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	24
Formation End Depth:	30
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962806640
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10701479
Casing No:	1
Comment:	
Alt Name:	

5 | ***1 of 1*** | ***ESE/49.5*** | ***180.8 / -1.70*** | ***lot 12 con 2 ON*** | ***WWIS***

Well ID:	2802203	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	6/10/1955
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1642
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	012
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802203.pdf

Bore Hole Information

Bore Hole ID:	10148757	***Elevation:***	181.177917
DP2BR:	25	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	602133.6
Code OB Desc:	Bedrock	***North83:***	4817519
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	5/5/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427940
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427941
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	80
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID: 962802203
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697327
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253120
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: 992802203
Pump Set At:
Static Level: 5
Final Level After Pumping: 24
Recommended Pump Depth:
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933604255
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 25
Water Found Depth UOM: ft

6	1 of 4	ESE/63.6	180.4 / -2.12	WELDING INSTITUTE OF CANADA 42-414 391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	GEN

Generator No: ON1426600
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
PO Box No:
Country:
Choice of Contact:
Co Admin:

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

MHSW Facility: ***Phone No Admin:***
SIC Code: 7752
SIC Description: ENGINEER OFFICES

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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6 ***2 of 4*** ***ESE/63.6*** ***180.4 / -2.12*** ***WELDING (SEE&USE ON1426600) 42-473 391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4*** ***GEN***

Generator No: ON1495500 ***PO Box No:***
Status: ***Country:***
Approval Years: 92,93,94,95,96,97,98 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 7752
SIC Description: ENGINEER OFFICES

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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6 ***3 of 4*** ***ESE/63.6*** ***180.4 / -2.12*** ***lot 12 con 2 ON*** ***WWIS***

Well ID: 2802202 ***Data Entry Status:***
Construction Date: ***Data Src:*** 1
Primary Water Use: Not Used ***Date Received:*** 6/10/1955
Sec. Water Use: 0 ***Selected Flag:*** Yes
Final Well Status: Abandoned-Quality ***Abandonment Rec:***
Water Type: ***Contractor:*** 1642
Casing Material: ***Form Version:*** 1
Audit No: ***Owner:***
Tag: ***Street Name:***
Construction Method: ***County:*** HALTON
Elevation (m): ***Municipality:*** OAKVILLE TOWN
Elevation Reliability: ***Site Info:***
Depth to Bedrock: ***Lot:*** 012
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:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802202.pdf

Bore Hole Information

Bore Hole ID: 10148756 ***Elevation:*** 181.011428
DP2BR: 25 ***Elevrc:***
Spatial Status: ***Zone:*** 17
Code OB: r ***East83:*** 602143.6
Code OB Desc: Bedrock ***North83:*** 4817529
Open Hole: ***Org CS:***
Cluster Kind: ***UTMRC:*** 9
Date Completed: 5/17/1955 ***UTMRC Desc:*** unknown UTM

Remarks: ***Location Method:*** p9
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931427938
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 25
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427939
Layer: 2
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25
Formation End Depth: 91
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802202
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697326
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253119
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: 992802202
Pump Set At:
Static Level: 8
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933604254
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 90
Water Found Depth UOM: ft

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6 | ***4 of 4*** | ***ESE/63.6*** | ***180.4 / -2.12*** | ***Heart and Stroke Foundation*** ***391 Burnhamthorpe Road E*** ***Oakville ON L6H 7B4*** | ***GEN***

Generator No: ON3867676
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621494
SIC Description: 621494

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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7 | ***1 of 5*** | ***S/75.6*** | ***185.7 / 3.18*** | ***REN'S FEED & SUPPLIES LIMITED*** ***4002 TRAFALGAR RD*** ***OAKVILLE ON L6H7B8*** | ***PES***

Detail Licence No: 23-01-10117-0
Licence No: 10117
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Limited Vendor

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 905
Oper Phone No: 2574611

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

Licence Type Code:	23	**Operator Ext:**		
Licence Class:	01	**Operator Lot:**		
Licence Control:	0	**Oper Concession:**		
Latitude:		**Operator Region:**	3	
Longitude:		**Operator District:**		
Lot:		**Operator County:**	28	
Concession:		**Op Municipality:**		
Region:		**Post Office Box:**		
District:		**MOE District:**		
County:		**SWP Area Name:**		
Trade Name:				
PDF Link:				

7	**2 of 5**	**S/75.6**	**185.7 / 3.18**	**REN'S FEED & SUPPLIES LIMITED** **4002 TRAFALGAR RD** **OAKVILLE ON L6H 7B7**	**PES**

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

7	**3 of 5**	**S/75.6**	**185.7 / 3.18**	**REN'S FEED & SUPPLIES LIMITED** **4002 TRAFALGAR RD** **OAKVILLE ON L6H7B8**	**PES**

Detail Licence No:		**Operator Box:**	
Licence No:	16186	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Limited Vendor	**Oper Phone No:**	2574611
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	4 of 5	S/75.6	185.7 / 3.18	4002 Trafalgar Rd Oakville ON L6H7B7	EHS

Order No:	20160729111	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	03-AUG-16	**Search Radius (km):**	.25
Date Received:	29-JUL-16	**X:**	-79.739081
Previous Site Name:		**Y:**	43.501583
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	5 of 5	S/75.6	185.7 / 3.18	REN'S FEED & SUPPLIES LIMITED 4002 TRAFALGAR RD OAKVILLE ON L6H7B8	PES

Detail Licence No:		**Operator Box:**	
Licence No:	10117	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Retail Vendor Class 03	**Oper Phone No:**	2574611
Licence Type Code:	21	**Operator Ext:**	
Licence Class:	03	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	W/110.4	187.5 / 4.94	ON	WWIS

Well ID:	7229890	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	10/21/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7230
Casing Material:		**Form Version:**	8
Audit No:	C26700	**Owner:**	
Tag:	A163756	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	MILTON TOWN (TRAFALGAR)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

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

Bore Hole ID:	1005170997	**Elevation:**	186.016204
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	601559
Code OB Desc:		**North83:**	4817716
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/24/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

9 | ***1 of 1*** | ***S/137.8*** | ***186.5 / 3.99*** | ***lot 13 con 2 ON*** | ***WWIS***

Well ID:	2805349	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/1/1979
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:**	013
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2805349.pdf

Bore Hole Information

Bore Hole ID:	10151845	**Elevation:**	185.623596
DP2BR:	36	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	601914.6
Code OB Desc:	Bedrock	**North83:**	4817223
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	1/14/1979	**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: 931439331
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931439333
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 16
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931439335
Layer: 5
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 30
Formation End Depth: 36
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931439332
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 8

Formation End Depth:	16
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439336
Layer:	6
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	36
Formation End Depth:	65
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439334
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	81
Mat3 Desc:	SANDY
Formation Top Depth:	22
Formation End Depth:	30
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962805349
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10700415
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930258126
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65
Casing Diameter:	
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930258125
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992805349
Pump Set At:
Static Level: 8
Final Level After Pumping: 43
Recommended Pump Depth: 62
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934181080
Test Type: Draw Down
Test Duration: 15
Test Level: 19
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934714939
Test Type: Draw Down
Test Duration: 45
Test Level: 37
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934447418
Test Type: Draw Down
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934967514
Test Type: Draw Down

Test Duration: 60
Test Level: 43
Test Level UOM: ft

Water Details

Water ID: 933608543
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 62
Water Found Depth UOM: ft

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10 | **1 of 1** | **E/150.1** | **179.8 / -2.70** | **lot 12 con 2 ON** | **WWIS**

Well ID: 2802204
Construction Date:
Primary Water Use: Public
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/10/1955
Selected Flag: Yes
Abandonment Rec:
Contractor: 1642
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 012
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802204.pdf

Bore Hole Information

Bore Hole ID: 10148758
DP2BR: 25
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/31/1955
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 179.968795
Elevrc:
Zone: 17
East83: 602197.6
North83: 4817597
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931427943
Layer: 2

Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	80
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427942
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	25
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802204
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697328
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253122
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253121
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:	
Depth To:	26
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802204
Pump Set At:	
Static Level:	5
Final Level After Pumping:	24
Recommended Pump Depth:	
Pumping Rate:	1
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933604256
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25
Water Found Depth UOM:	ft

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11 ***1 of 1*** ***NW/193.9*** ***184.8 / 2.30*** ***4233 TRAFALGAR RD. lot 12 con 2 Oakville ON*** ***WWIS***

Well ID:	7173101	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Livestock	***Date Received:***	12/5/2011
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7407
Casing Material:		***Form Version:***	7
Audit No:	Z136877	***Owner:***	
Tag:		***Street Name:***	4233 TRAFALGAR RD.
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	MILTON TOWN (TRAFALGAR)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	012
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7173101.pdf

Bore Hole Information

Bore Hole ID:	1003616566	**Elevation:**	182.474441
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	601652
Code OB Desc:		**North83:**	4817972
Open Hole:		**Org CS:**	G83dd
Cluster Kind:		**UTMRC:**	3
Date Completed:	11/28/2011	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	1004039252
Method Construction Code:	A
Method Construction:	Digging
Other Method Construction:	

Pipe Information

Pipe ID:	1004039243
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004039248
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	0
Depth To:	10
Casing Diameter:	48
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1004039249
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	0
Depth To:	10
Casing Diameter:	36
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004039250
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	

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

Results of Well Yield Testing

Pump Test ID:	1004039244
Pump Set At:	
Static Level:	.167
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1004039247
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1004039246
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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12 | ***1 of 1*** | ***S/204.9*** | ***187.7 / 5.15*** | ***lot 13 con 2 ON*** | ***WWIS***

Well ID:	2802209	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/24/1967
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1612
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:**	013
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	DS N
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802209.pdf

Bore Hole Information

Bore Hole ID:	10148763	**Elevation:**	186.508239
DP2BR:	50	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	601864.6
Code OB Desc:	Bedrock	**North83:**	4817178
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	2/10/1967	**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:	931427955
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1
Formation End Depth:	50
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427954
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931427956

Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50
Formation End Depth: 70
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802209
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697333
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253130
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 52
Casing Diameter: 7
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253131
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70
Casing Diameter: 7
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802209
Pump Set At:
Static Level: 26
Final Level After Pumping: 70
Recommended Pump Depth: 66
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604261
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

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13 | **1 of 1** | **S/248.4** | **187.6 / 5.06** | **lot 13 con 2 ON** | **WWIS**

Well ID:	2802207	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	1/4/1957
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1642
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	013
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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802207.pdf

Bore Hole Information

Bore Hole ID:	10148761	**Elevation:**	186.451934
DP2BR:	49	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	601841.6
Code OB Desc:	Bedrock	**North83:**	4817140
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/9/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427949
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12
Formation End Depth:	49
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427950
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	49
Formation End Depth:	66
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427948
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802207
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697331

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253127
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 49
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253128
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 66
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253126
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 12
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802207
Pump Set At:
Static Level: 6
Final Level After Pumping: 60
Recommended Pump Depth:
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 15
Flowing: No

Water Details

Water ID: 933604259

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

Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 62
Water Found Depth UOM: ft

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14 | **1 of 1** | **ESE/263.4** | **181.7 / -0.86** | **See Lot/Con Oakville ON** | **EHS**

Order No: 20100129003
Status: C
Report Type: Standard Report
Report Date: 2/3/2010
Date Received: 1/29/2010
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: 26379
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.734141
Y: 43.501696

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15 | **1 of 1** | **SE/282.5** | **183.6 / 1.03** | **Trafalgar Rd. west side Oakville ON** | **EHS**

Order No: 20110704032
Status: C
Report Type: Site Report
Report Date: 7/5/2011
Date Received: 7/4/2011 4:01:05 PM
Previous Site Name:
Lot/Building Size: 5.623 ha
Additional Info Ordered:

Nearest Intersection:
Municipality: Halton
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.736065
Y: 43.499879

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16 | **1 of 1** | **NW/288.0** | **186.5 / 3.99** | **4233 TRAFALGAR RD. lot 12 con 2 OAKVILLE ON** | **WWIS**

Well ID: 7294968
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: Z247286
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/19/2017
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7407
Form Version: 7
Owner:
Street Name: 4233 TRAFALGAR RD.
County: HALTON
Municipality: MILTON TOWN (TRAFALGAR)
Site Info:
Lot: 012
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7294968.pdf

Bore Hole Information

Bore Hole ID: 1006729988
DP2BR:
Spatial Status:

Elevation: 185.682723
Elevrc:
Zone: 17

Code OB:		***East83:***	601581
Code OB Desc:		***North83:***	4818034
Open Hole:		***Org CS:***	dms83
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/28/2017	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006907456
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006907455
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006907448
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006907452
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	0
Depth To:	10
Casing Diameter:	42
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006907453
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1006907451
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006907450
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Unplottable Summary

Total: 26 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF HALTON	LOT 13, CONC. 2	MILTON TOWN ON	
CA	The Regional Municipality of Halton	Trafalgar Rd	Milton ON	
CA	Holcim (Canada) Inc.	and Pt. Lot 13-14, Concession 1, Halton Hills	Milton ON	
CA	Uptown Core Lands	Lot 13, Concession 1	Oakville ON	
CA	Uptown Core Lands	Lot 13, Concession 1	Oakville ON	
CA	Trafalgar Road Townhouse Development	Trafalgar Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA	1532599 Ontario Limited	Mattamy (Escarpment) Limited Part of Lot 12, Conc. 1	Milton ON	
CA		Trafalgar Road	Oakville ON	
CA		Part of Lot 13, Con 2 North of Burnhamthorpe Rd East and West of Trafalgar Rd	Oakville ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA	The Regional Municipality of Halton	Trafalgar Rd	Oakville ON	
CA	ONTARIO HYDRO, HALTON T. S.	LOT 13, CONC. 1	MILTON TOWN ON	
EBR	Dundas-Trafalgar Inc.	Part of Lot 12, Concession 1 North of Dundas Oakville Regional Municipality of Halton L6H 7C2 TOWN OF OAKVILLE	ON	
EBR	Dufferin Aggregates, A division of	Pt Lot 12, 13, 14, Concession 7, Town of Milton Pt	ON	

	St. Lawrence Cement Inc.,	Lot 13, 14, Concession 1, Town of Halton Hills TOWN OF MILTON		
ECA	Dundas - Trafalgar Inc.	Part of Lot 12, Concession 1 North of Dundas	Oakville ON	M2N 3A1
LIMO	Milton Evergreen Cemetery Milton Evergreen Cemetery	Lot 13 Concession 2 TRAFALGAR Milton	ON	
LIMO	Regional Municipality of Halton Brian Best Park	Lot 12 Concession 2 TRAFALGAR Milton	ON	
PTTW	Dundas-Trafalgar Inc.	Dewatering for Construction of SWM Facility Part of Lot 12 Concession 1 North of Dundas, Town of Oakville, Regional Municipality of Halton REGIONAL	MUNICIPALITY OF HALTON TOWN OF OAKVILLE ON	
RSC		Pt lot 12, conc. 1, Trafalgar Twp., & Pt. part 2, Plan 20R-9035	Milton ON	
SPL	TRANSPORT TRUCK	NORTHBOUND TRAFALGAR RD AT BURNHAMTHORPE (MILEAGE MARKER #4373) MOTOR VEHICLE (OPERATING FLUID)	MILTON TOWN ON	
SPL	PRIVATE OWNER	TRAFALGAR ROAD SOUTH OF BURNHAMTHORPE MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
SPL	PRIVATE OWNER	LOWER BASE LINE/TRAFALGAR RD. MOTOR VEHICLE (OPERATING FLUID)	OAKVILLE TOWN ON	
WWIS		lot 11	ON	

Unplottable Report

Site: ***R.M. OF HALTON***
LOT 13, CONC. 2 MILTON TOWN ON

Database: ***CA***

Certificate #: 7-0165-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
Trafalgar Rd Milton ON

Database: ***CA***

Certificate #: 7295-77FT9A
Application Year: 2007
Issue Date: 10/1/2007
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: ***Holcim (Canada) Inc.***
and Pt. Lot 13-14, Concession 1, Halton Hills Milton ON

Database: ***CA***

Certificate #: 9119-7TSGXH
Application Year: 2009
Issue Date: 10/27/2009
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Uptown Core Lands***
Lot 13, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 0362-4TSSQJ

Application Year: 01
Issue Date: 2/12/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Silwell Developments Limited
Client Address: 1 Yorkdale Road, Suite 510
Client City: Toronto
Client Postal Code: M6A 3A1
Project Description: Installation of watermains on Georgian Drive, Littlewood Drive
Contaminants:
Emission Control:

Site: ***Uptown Core Lands***
Lot 13, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 8514-4TST3N
Application Year: 01
Issue Date: 2/12/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Silwell Developments Limited
Client Address: 1 Yorkdale Road, Suite 510
Client City: Toronto
Client Postal Code: M6A 3A1
Project Description: Storm and sanitary sewers to be constructed on Roxton Road, Gatwick Drive
Contaminants:
Emission Control:

Site: ***Trafalgar Road Townhouse Development***
Trafalgar Road Oakville ON

Database: ***CA***

Certificate #: 1210-5DETKS
Application Year: 02
Issue Date: 8/29/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Manor Hill Properties Inc.
Client Address: 115 Sheppard Avenue West
Client City: Toronto
Client Postal Code: M2N 1M7
Project Description: Approval is sought for the construction of storm and sanitary sewers on Street A.
Contaminants:
Emission Control:

Site:
Trafalgar Road Oakville ON

Database: ***CA***

Certificate #: 4501-4RXKUF
Application Year: 00
Issue Date: 12/21/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Longboat Development (1986) Corporation
Client Address: 228 Lakewood Drive
Client City: Oakville
Client Postal Code: L6K 1B2
Project Description: This is an application for Municipal and Private Water Works Certificate of Approval to construct a watermain.
Contaminants:
Emission Control:

Site:
Trafalgar Road Oakville ON

Database:
CA

Certificate #:	8127-4RXLP7
Application Year:	00
Issue Date:	12/21/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Longboat Development (1986) Corporation
Client Address:	228 Lakewood Drive
Client City:	Oakville
Client Postal Code:	L6K 1B2
Project Description:	This is an application for Municipal and Private Sewage Works Certificate of Approval to construct a sanitary sewer.
Contaminants:	
Emission Control:	

Site: ***1532599 Ontario Limited***
Mattamy (Escarpment) Limited Part of Lot 12, Conc. 1 Milton ON

Database:
CA

Certificate #:	8282-8JHRRD
Application Year:	2011
Issue Date:	7/19/2011
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:
Trafalgar Road Oakville ON

Database:
CA

Certificate #:	3206-53FKG3
Application Year:	01
Issue Date:	10/15/01
Approval Type:	Municipal & Private water
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 the construction of watermains on Trafalgar Road.
Contaminants:	
Emission Control:	

Site:
Part of Lot 13, Con 2 North of Burnhamthorpe Rd East and West of Trafalgar Rd Oakville ON

Database:
CA

Certificate #:	3785-54UPXS
Application Year:	01
Issue Date:	12/13/01
Approval Type:	Municipal & Private water
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 an above ground water storage tank having a high water level of 236 m and available storage volume of approximately 4,550 m3 (Alternative 1), or 6,830 m 3 (Alternative 2).
Contaminants:
Emission Control:

Site: ***R.M. OF HALTON***
TRAFALGAR RD. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 3-1237-89-
Application Year: 89
Issue Date: 7/7/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF HALTON***
TRAFALGAR RD. OAKVILLE TOWN ON

Database: ***CA***

Certificate #: 7-1043-89-
Application Year: 89
Issue Date: 7/7/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Regional Municipality of Halton***
Trafalgar Rd Oakville ON

Database: ***CA***

Certificate #: 9290-74AH77
Application Year: 2007
Issue Date: 6/25/2007
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: ***ONTARIO HYDRO, HALTON T.S.***
LOT 13, CONC. 1 MILTON TOWN ON

Database: ***CA***

Certificate #: 4-0017-97-
Application Year: 97
Issue Date: 3/3/1997
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: SPILL CONT. FOR TRANSFORMERS T3 & T4
Contaminants:
Emission Control:

Site: ***Dundas-Trafalgar Inc.***
Part of Lot 12, Concession 1 North of Dundas Oakville Regional Municipality of Halton L6H 7C2 TOWN OF OAKVILLE ON

Database: ***EBR***

EBR Registry No: 012-6924
Ministry Ref No: 7169-A7GJ5N
Notice Type: Instrument Decision
Notice Stage:
Notice Date: May 19, 2016
Proposal Date: February 29, 2016
Year: 2016
Instrument Type: (EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)
Off Instrument Name:
Posted By:
Company Name: Dundas-Trafalgar Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 90 Sheppard avenue East , 500, Toronto Ontario, Canada M2N 3A1
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Part of Lot 12, Concession 1 North of Dundas Oakville Regional Municipality of Halton L6H 7C2 TOWN OF OAKVILLE

Site: ***Dufferin Aggregates, A division of St. Lawrence Cement Inc.,***
Pt Lot 12, 13, 14, Concession 7, Town of Milton Pt Lot 13, 14, Concession 1, Town of Halton Hills TOWN OF MILTON ON

Database: ***EBR***

EBR Registry No: IB02E3064
Ministry Ref No: FSD - AU 06/02
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 16, 2007
Proposal Date: September 20, 2002
Year: 2002
Instrument Type: (ARA s. 7 (2) (a)) - Issuance of a Class A licence to remove more than 20,000 tonnes of aggregate annually from a pit or a quarry
Off Instrument Name:
Posted By:
Company Name: Dufferin Aggregates, A division of St. Lawrence Cement Inc.,
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3300 Highway 7, Suite 400, Concord Ontario, L4K 4M3
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Site: ***Dundas - Trafalgar Inc.***
Part of Lot 12, Concession 1 North of Dundas Oakville ON M2N 3A1

Database: ***ECA***

Approval No:	5527-A5FJZQ	***MOE District:***	
Approval Date:	2015-12-30	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Part of Lot 12, Concession 1 North of Dundas		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0125-A57PWY-14.pdf		

Site: ***Milton Evergreen Cemetery Milton Evergreen Cemetery***
Lot 13 Concession 2 TRAFALGAR Milton ON

Database: ***LIMO***

ECA/Instrument No:	X7043	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:	Historic and Closed Landfills	***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:	Milton Evergreen Cemetery Milton Evergreen Cemetery		
ERC Methodology:			
Site Name:			
Site Location Details:	Lot 13 Concession 2 TRAFALGAR Milton		
Service Area:			
Page URL:			

Site: ***Regional Municipality of Halton Brian Best Park***
Lot 12 Concession 2 TRAFALGAR Milton ON

Database: ***LIMO***

ECA/Instrument No:	X7042	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	

Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type: Historic and Closed Landfills
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name: Regional Municipality of Halton
Brian Best Park
ERC Methodology:
Site Name:
Site Location Details: Lot 12 Concession 2 TRAFALGAR

Milton
Service Area:
Page URL:

Leachate On Site:
Req Coll Lndfll Gas:
Lndfll Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: ***Dundas-Trafalgar Inc.***
Dewatering for Construction of SWM Facility Part of Lot 12 Concession 1 North of Dundas, Town of Oakville, Regional Municipality of Halton REGIONAL MUNICIPALITY OF HALTON TOWN OF OAKVILLE ON

Database: ***PTTW***

EBR Registry No: 012-6537
Ministry Ref No: 3028-A65HL3
Notice Type: Instrument Decision
Notice Stage:
Notice Date: March 09, 2016
Proposal Date: January 25, 2016
Year: 2016
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Dundas-Trafalgar Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 90 Sheppard Avenue East , Suite 500, Toronto Ontario, Canada M2N 3A1
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Dewatering for Construction of SWM Facility Part of Lot 12 Concession 1 North of Dundas, Town of Oakville, Regional Municipality of Halton REGIONAL MUNICIPALITY OF HALTON TOWN OF OAKVILLE

Site:
Pt lot 12, conc. 1, Trafalgar Twp., & Pt. part 2, Plan 20R-9035 Milton ON

Database: ***RSC***

RSC ID:
RA No:
RSC Type:

Cert Date:
Cert Prop Use No:
Intended Prop Use:

Curr Property Use:		***Qual Person Name:***	
Ministry District:	St. Catharines	***Stratified (Y/N):***	N
Filing Date:	02/24/99	***Audit (Y/N):***	N
Date Ack:	05/13/99	***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:	Generic	***Telephone:***	
Soil Type:	Fine	***Fax:***	
Criteria:	Res/parkland, nonpotable	***Email:***	
CPU Issued Sect 1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:	Trow Consulting		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:			

Site: ***TRANSPORT TRUCK NORTHBOUND TRAFALGAR RD AT BURNHAMTHORPE (MILEAGE MARKER #4373) MOTOR VEHICLE (OPERATING FLUID) MILTON TOWN ON***

Database: ***SPL***

Ref No:	165040	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/27/1999	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	14402
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	OAKVILLE F/D; OPP
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/28/1999	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	JDC LOGISTICS-200L DIESELTO ROAD SHOULDER, TRUCK OVERTURN.CLEANED.F/D,OPP.		
Contaminant Qty:			

Site: ***PRIVATE OWNER TRAFALGAR ROAD SOUTH OF BURNHAMTHORPE MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON***

Database: ***SPL***

Ref No:	121269	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/27/1995	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	14403

Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/27/1995	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE OWNER-40 L OF GASOLINE TO ROAD.		
Contaminant Qty:			

Site: ***PRIVATE OWNER***
LOWER BASE LINE/TRAFALGAR RD. MOTOR VEHICLE (OPERATING FLUID) OAKVILLE TOWN ON

Database: ***SPL***

Ref No:	133636	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/29/1996	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	14403
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FD
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/29/1996	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE OWNER-20 L DIESELTO GROUND & DITCH, MVA, FD WILL CLEANUP.		
Contaminant Qty:			

Site:
lot 11 ON

Database: ***WWIS***

Well ID:	2808961	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/1/1999
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3406
Casing Material:		***Form Version:***	1
Audit No:	195948	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	MILTON TOWN (NASSAGAWEYA)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	011
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:	10155218	***Elevation:***	
DP2BR:	38	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	8/29/1998	***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:	931453683
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931453685
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40
Formation End Depth:	98
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931453682
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931453684
Layer: 3
Color: 8
General Color: BLACK
Mat1: 26
Most Common Material: ROCK
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 38
Formation End Depth: 40
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933140369
Layer: 1
Plug From: 0
Plug To: 40
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808961
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10703788
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264132
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264133
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:
Depth To: 98
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808961
Pump Set At:
Static Level: 11
Final Level After Pumping: 12
Recommended Pump Depth: 43
Pumping Rate: 5
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: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934977474
Test Type: Draw Down
Test Duration: 60
Test Level: 12
Test Level UOM: ft

Water Details

Water ID: 933613007
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 94
Water Found Depth UOM: ft

Water Details

Water ID: 933613006
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 84
Water Found Depth UOM: ft

Water Details

Water ID: 933613005
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76
Water Found Depth UOM: ft

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 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Dec 2020

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2020

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-Jan 31, 2020

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

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-Dec 31, 2020

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jan 31, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Dec 31, 2020

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Sep 30, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jan 31, 2020

Canadian Pulp and Paper: Private PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Dec 31, 2020

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 31, 2020

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-Jan 31, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2021

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-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Dec 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

Definitions

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

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

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

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

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

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

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

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

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

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

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

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

Appendix B

fahmida.anwar@dsconsultants.ca

From: Public Information Services <publicinformationservices@tssa.org>
Sent: February 24, 2021 1:10 PM
To: Fahmida Anwar
Subject: RE: TSSA Request - Burnhamthorpe and Trafalgar, Oakville, ON

Good afternoon,

Thank you for your request for confirmation of public information.

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

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

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

Thanks,

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

From: Fahmida Anwar <fahmida.anwar@dsconsultants.ca>
Sent: February 24, 2021 11:40 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Request - Burnhamthorpe and Trafalgar, Oakville, ON

Good Morning,

Hope you are well.

Could you perform a tank search on the following addresses?

Street Name	Street Numbers
Trafalgar Road	3555, 4002, 4030, 4180
Burnhamthorpe Road East	275, 340, 391, 479, 489
Halton Regional Road 27	273

Thank you

Kind regards,

--

Fahmida Anwar, B.Sc.
Environmental Technician
DS Consultants Ltd
6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8
Cell: (647) 879-3866
www.dsconsultants.ca

Ontario Ministry of the Environment

Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Fahmida Anwar, B.Sc. DS Consultants Ltd. 6221 Highway 7, Unit 16 Vaughan, ON, L4H 0K8 Email Address: fahmida.anwar@dsconsultants.ca			FOI Request No.	Date Request Received
			Fee Paid ☐ ACCT ☐ CHQ X VISA-MC ☐ CASH	
Telephone/Fax Nos. Tel : 647-879-3866	Your Project/Reference No. 21-053-100	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions**)

Part of Lot 12, Concession 2 North, Oakville, ON

Present Property Owner(s) and Date(s) of Ownership

Loukia Haralambus, Manuel Haramlambus,
Anastasia Nikolakakos, Helen Nikolakakos, Evagelia Nikolakakos, Bessis Polymeneas & Angelo Polymeneas,

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	All Years
Orders	All Years
Spills	All Years
Investigations/prosecutions ▸ Owner **AND** tenant information must be provided	All Years
Waste Generator number/classes	All Years

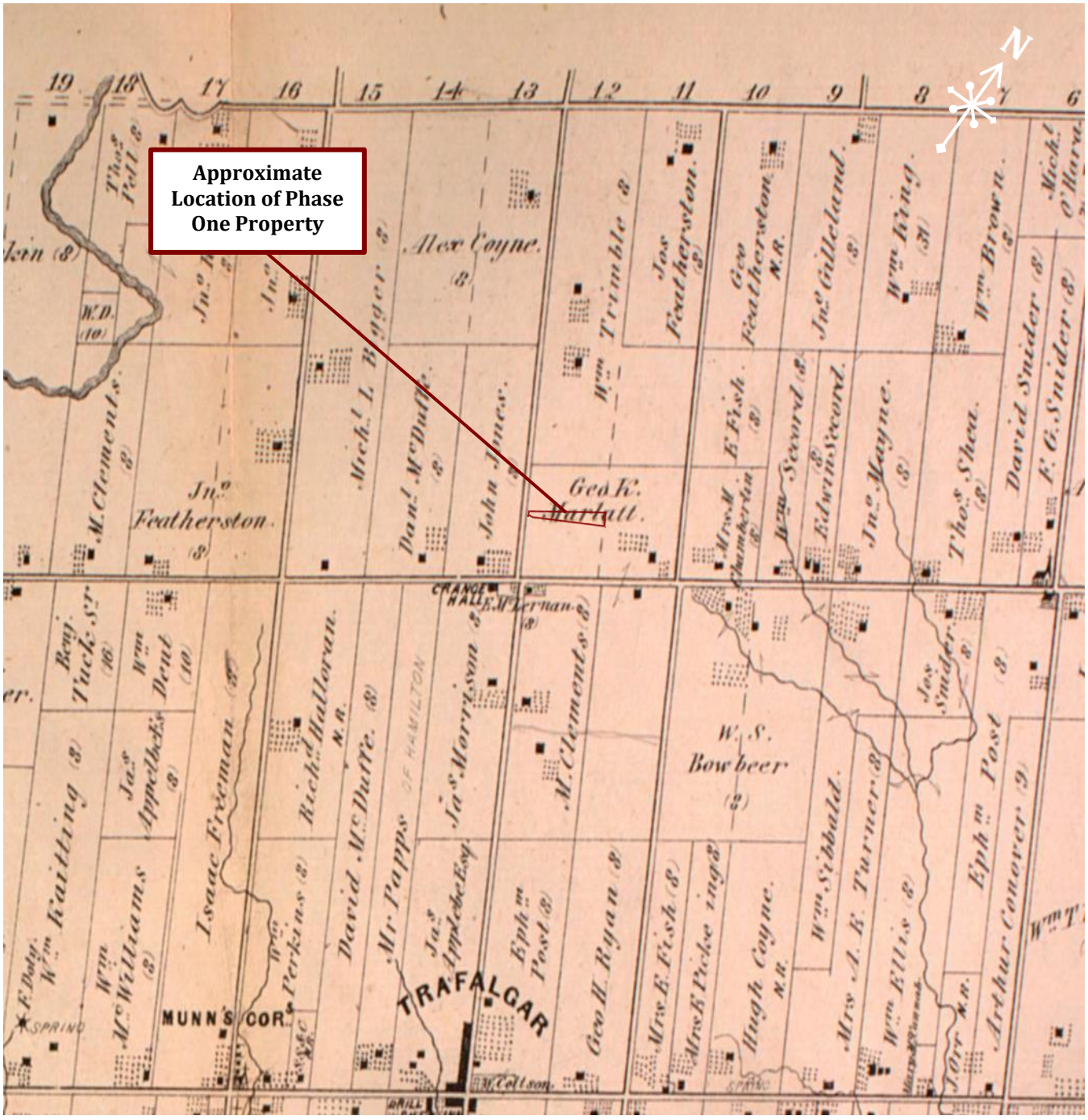
Certificates of Approval ▸ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	Specify Year(s) Requested
air - *emissions*		1986- present
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986- present
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986- present
waste water - *industrial discharge*		1986- present
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*		1986- present
waste systems - *PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste*		1986- present
pesticides - *licenses*		1986- present

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

Appendix C



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 PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-1**

AERIAL PHOTOGRAPH: 1934

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-2**

AERIAL PHOTOGRAPH: 1946

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-3**

AERIAL PHOTOGRAPH: 1965

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-4**

AERIAL PHOTOGRAPH: 1988

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-5**

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6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2004

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-6**

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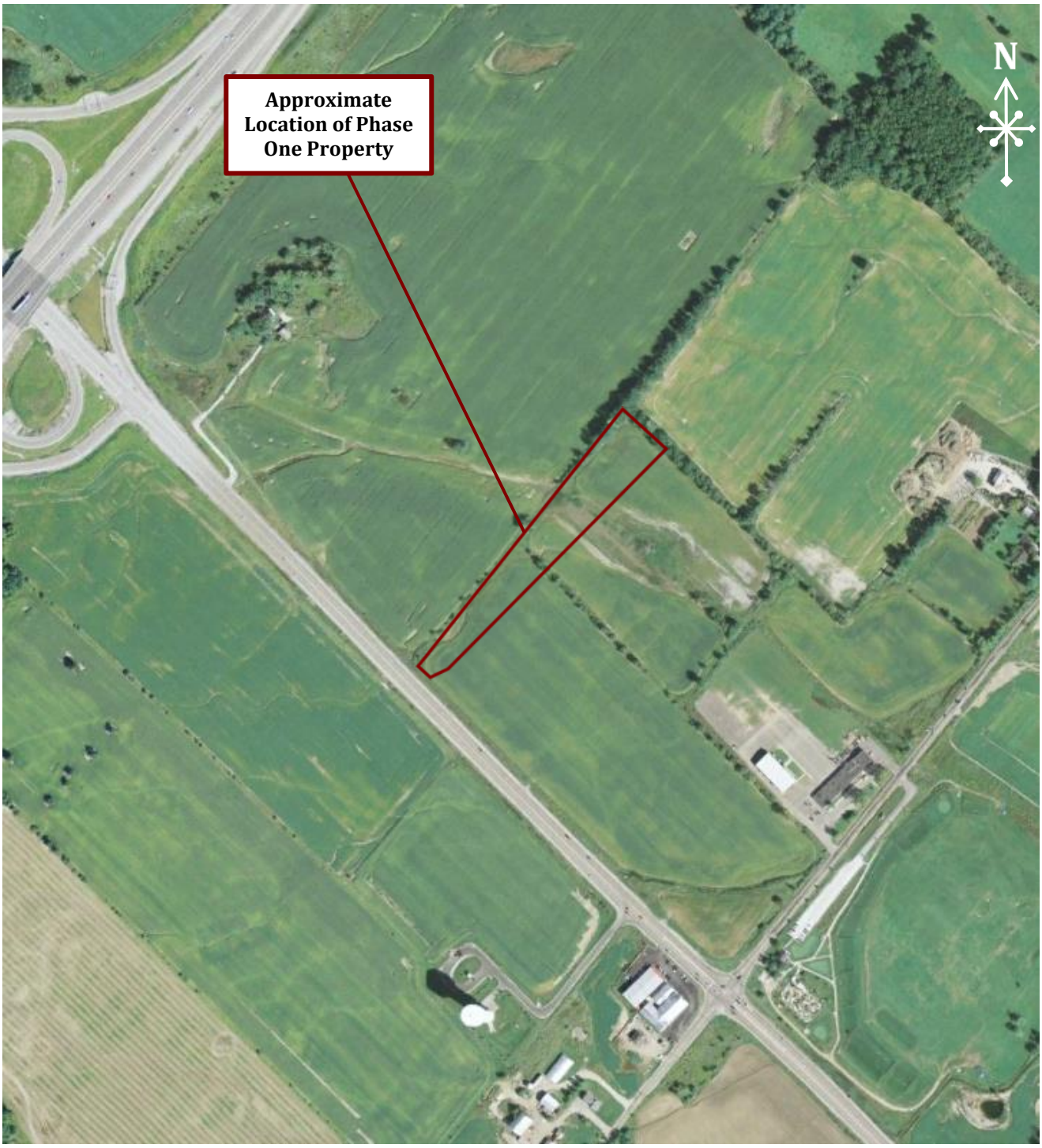
SATELLITE IMAGE: 2007

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-7**



© Google Earth

SATELLITE IMAGE: 2009

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-8**

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2013

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-9**

© Google Earth

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2018

Scale: 1:10000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PT LT 12, CON 2, Trafalgar – North of William Halton Parkway, Oakville, Ontario**	Prepared By: FA
Date: Nov-21		Reviewed By: KO
Project: 21-053-100	Prepared For: Argo Development Corporation	Drawing No. **D-10**

Appendix D

Picture 1: View of the Phase One Property, facing north.

Picture 2: View of the Phase One Property (foreground) and west adjacent property (background), facing west.

Picture 3: View of the Phase One Property, facing west.

Picture 4: View of the Phase One Property, facing north.

Picture 5: View of the south adjacent property, facing south.

Picture 6: View of William Halton Parkway, facing east.

Picture 7: View of the east adjacent property, facing northeast.

Picture 8: View of the west adjacent property, facing north.

Picture 9: View of the TTC Bus station along Trafalgar Street, facing north.

Appendix E

"Table of current and past uses of the phase one property"
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

No Municipal Address

PT LT 12, CON 2 TRAF NDS, BEING PTS 5 TO 10 20R20025; S/T A PERMANENT EASEMENT OVER PTS 2,3,4 & 5 EXP. PL HR1307677; TOWN OF OAKVILLE

Year	Name of owner	Description of property use	Property use	Other observations from aerial photographs, fire insurance plans, etc
Prior to 1860	Crown	Agricultural or other use	Agricultural or other use	None
1860-1967	Unknown	Agricultural or other use	Agricultural or other use	Aerial photographs from 1934,1946,1965 and 1988 as well as satellite imagery from the years 2004, 2007, 2009, 2013, and 2018 show that the Phase One Property is being utilized as agricultural fieldlands.
1967-2021	Manuel Haralambus	Agricultural or other use	Agricultural or other use	
2021-Present	ARGO Trafalgar I Corporation	Agricultural or other use	Agricultural or other use	

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